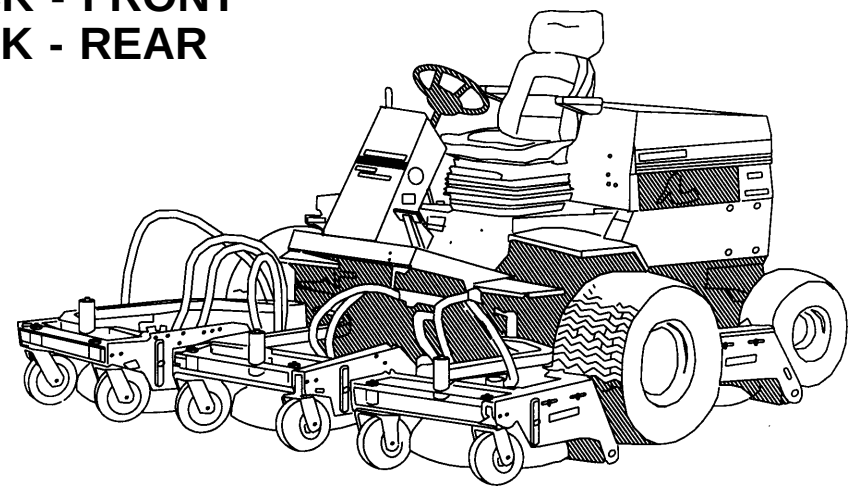
RANSOMES®

Setup, Parts & Maintenance Manual
AR 250

945010 - 38 HP KUBOTA 4WD ROTARY US
960014 - ENVIRODECK - FRONT
960015 - ENVIRODECK - REAR
960023 - SIDE DISCHARGE DECK - LEFT FRONT
960024 - SIDE DISCHARGE DECK - CENTER FRONT
960025 - SIDE DISCHARGE DECK - RIGHT FRONT
960026 - SIDE DISCHARGE DECK - LEFT REAR
960027 - SIDE DISCHARGE DECK - RIGHT REAR
960028 - ENVIRODECK - FRONT
960029 - ENVIRODECK - REAR



WARNING: If incorrectly used this machine can cause severe injury. Those who use and maintain this machine should be trained in its proper use, warned of its dangers and should read the entire manual before attempting to set up, operate, adjust or service the machine.

RANSOMES

Use with Operation & Safety manual 2720368

TEXTRON
GOLF, TURF & SPECIALTY PRODUCTS

2720369 REV01

CALIFORNIA
Proposition 65 Warning

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects and other reproductive harm.

Californie Proposition 65
Avertissement

Les échappements des moteurs diesel et certains de leurs composés sont reconnus par l'Etat de Californie pour être cancérigènes, provoquer des défauts congénitaux et d'autres dangers en matière de reproduction.

California Advertencia
de la Proposicion 65

El estado de California hace saber que los gases de escape de los motores diesel y algunos de sus componentes producen cáncer, defectos de nacimiento y otros daños en el proceso de reproducción humana.

⚠ WARNING

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

⚠ AVERTISSEMENT

L'émission du moteur de ce matériel contient des produits chimiques que l'Etat de Californie considère être cancérigènes, provoquer des défauts congénitaux et d'autres dangers en matière de reproduction.

⚠ ADVERTENCIA

El estado de California hace saber que los gases de escape de este producto contienen productos quÍmicos que producen cáncer, defectos de nacimiento y otros daños en el proceso de reproducción humana.

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AR 250

IMPORTANT MESSAGE

Thank you for purchasing this Ransomes product. You have purchased a world class mowing product, one of the best designed and built anywhere.

This machine comes with an Operation and Safety Manual and a Parts and Service Manual. The useful life and good service you receive from this machine depends to a large extent on how well you read and understand these manuals. Treat your machine properly, lubricate and adjust it as instructed, and it will give you many years of reliable service.

Your safe use of this Ransomes product is one of our prime design objectives. Many safety features are built in, but we also rely on your good sense and care to achieve accident-free operation. For best protection, study the manuals thoroughly. Learn the proper operation of all controls. Observe all safety precautions. Follow all instructions and warnings completely. Do not remove or defeat any safety features. Make sure those who operate this machine are as well informed and careful in its use as you are.

See a Ransomes dealer for any service or parts needed. Ransomes service ensures that you continue to receive the best results possible from Ransomes' products. You can trust Ransomes replacement parts because they are manufactured with the same high precision and quality as the original parts.

Ransomes designs and builds its equipment to serve many years in a safe and productive manner. For longest life, use this machine only as directed in the manuals, keep it in good repair and follow safety warnings and instructions. You'll always be glad you did.

Textron Golf, Turf & Specialty Products
One Bob Cat Lane
Johnson Creek, WI 53038-0469

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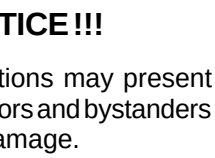
NOTICE !!!

Unauthorized modifications may present **extreme** safety hazards to operators and bystanders and could also result in product damage.

Textron Golf, Turf & Specialty Products strongly warns against, rejects and disclaims any modifications, add-on accessories or product alterations that are not designed, developed, tested and approved by Textron Golf, Turf & Specialty Products Engineering Department. Any Textron Golf, Turf & Specialty Products product that is altered, modified or changed in any manner not specifically authorized after original manufacture–including the addition of "after-market" accessories or component parts not specifically approved by Textron Golf, Turf & Specialty Products–will result in the Textron Golf, Turf & Specialty Products Warranty being voided.

Any and all liability for personal injury and/or property damage caused by any unauthorized modifications, add-on accessories or products not approved by Textron Golf, Turf & Specialty Products will be considered the responsibility of the individual(s) or company designing and/or making such changes. Textron Golf, Turf & Specialty Products will vigorously pursue full indemnification and costs from any party responsible for such unauthorized post-manufacture modifications and/or accessories should personal injury and/or property damage result.



This symbol means:
ATTENTION!
BECOME ALERT!

Your safety and the safety of others is involved.

Signal word definitions:

The signal words below are used to identify levels of hazard seriousness. These words appear in this manual and on the safety labels attached to Ransomes machines. For your safety and the safety of others, read and follow the information given with these signal words and/or the symbol shown above.

⚠ DANGER

DANGER indicates an imminently hazardous situation which, if not avoided, **WILL** result in death or serious injury.

⚠ WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, **COULD** result in death or serious injury.

⚠ CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, **MAY** result in minor or moderate injury. It may also be used to alert against unsafe practices or property damage.

CAUTION

CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, **MAY** result in property damage

This label is the buyer's assurance that a model of this tractor or attachment has been tested by Textron Golf, Turf & Specialty Products, and found to conform with the safety specifications for power lawn mowers published by the American National Standards Institute. Use of non-certified attachments or accessories may void the tractor certification.

This tractor is certified to ANSI B71.4.

References in this manual to “front”, “rear, “left”, or “right” are with respect to an operator seated on the tractor. Review the separate Operation and Safety manual for information on safety, instruments, controls and machine operation before beginning setup.

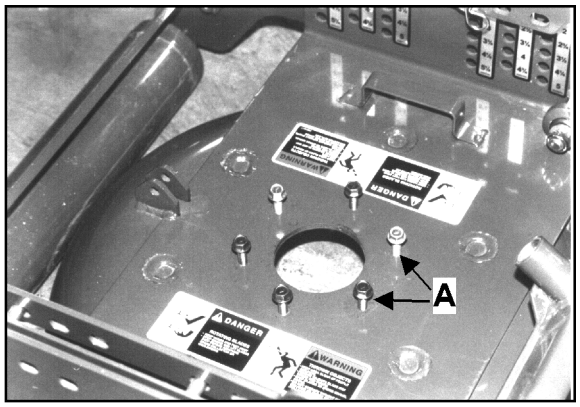
1. Uncrate the five cutterdecks. There are two types of cutterdecks: three with movable caster wheels for the front of the tractor and two with fixed caster wheels for the sides of the tractor.

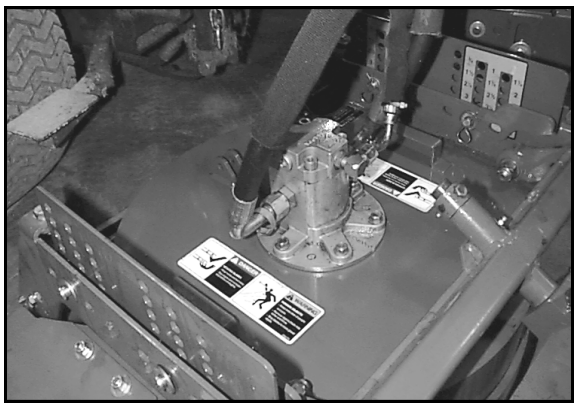
2. Start the tractor. Push the lift lever forward to lower the tractor arms fully. Stop the tractor.

3. All cutterdecks are attached the same, as follows:

   a) Remove six bolts **A** from the top of a cutterdeck.

   b) Mount the hydraulic motor on the deck using the six bolts just removed. Position with the center hose (drain hose) at the rear of the deck. Tighten bolts securely.





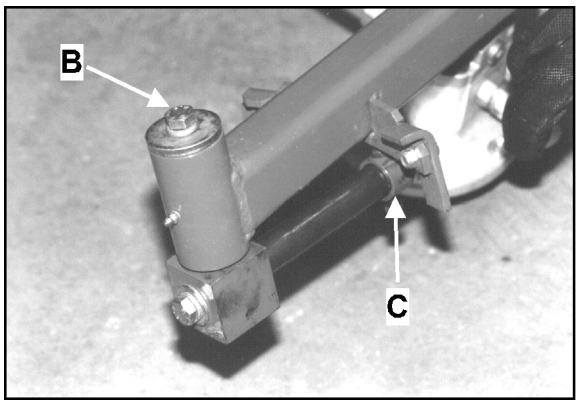
4. Move pivot shaft.

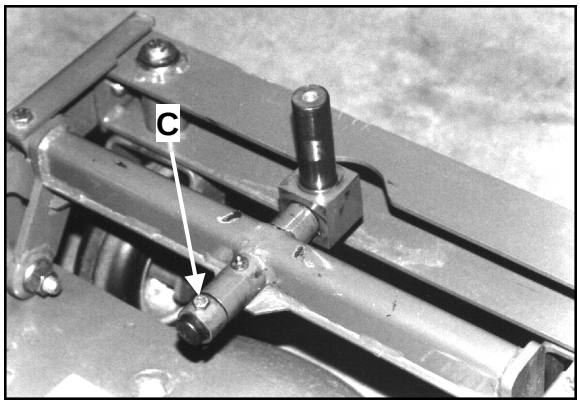
   a) Remove bolt **B** and two washers securing pivot shaft to tractor arm, noting order of assembly.

   b) Remove pivot shaft from tractor arm.

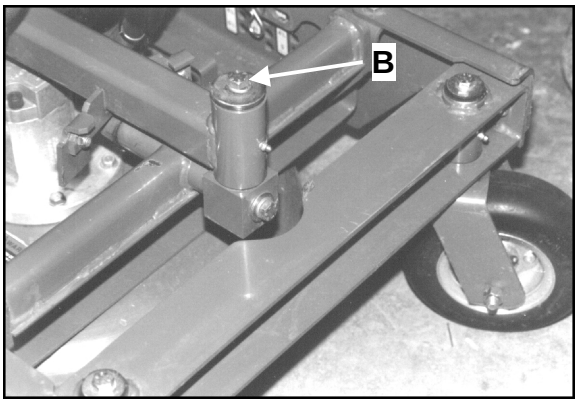
   c) Remove collar **C** from pivot shaft.

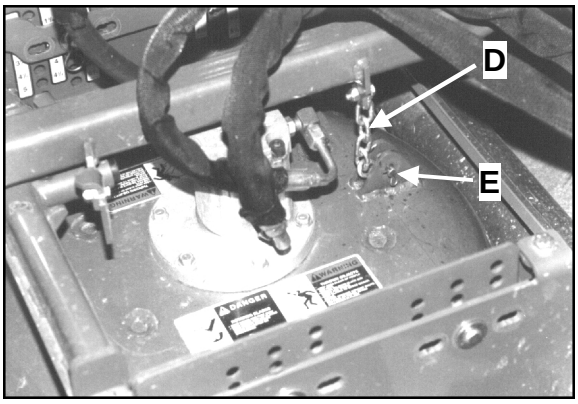
   d) Install pivot shaft in deck as shown. Replace collar **C** on pivot arm and secure with bolt and nut.





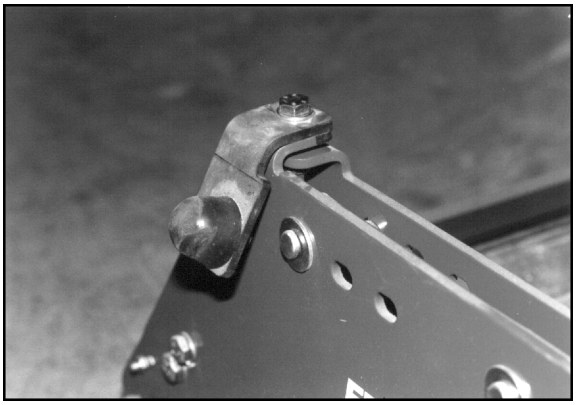
5. Attach the deck to the tractor.
   a) Position the deck below the tractor, with the pivot shaft at the front.
   b) Line up the pivot shaft on the deck with the tractor arm and insert. Secure by reinstalling bolt **B** and washers as previously assembled.
   c) Attach bottom link of tractor arm chain **D** to the deck with quick pin **E**. Secure quick pin with cotter pin.
   d) Repeat preceding steps for all five cutterdecks.





Install bumper on center cutterdeck.

a) Locate the bumper and bracket in the document folder.
b) Install the bumper on the long arm of the bracket using the flanged nut provided. Tighten securely.
c) Install the other arm of the bracket under the bolt at the right rear corner of the center deck. Tighten securely.



6. **Install blades**

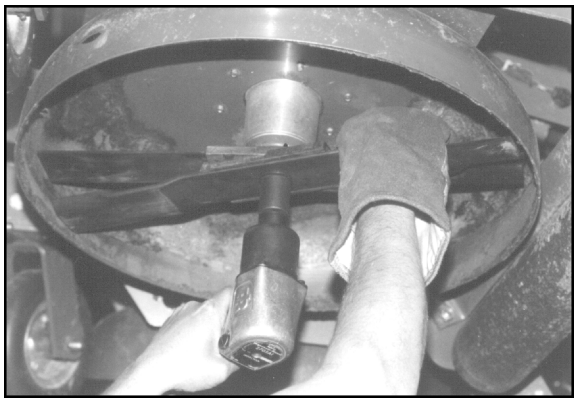
⚠CAUTION Blades are extremely sharp and can cause severe cuts. For your protection, hold blade with thick leather work glove only.

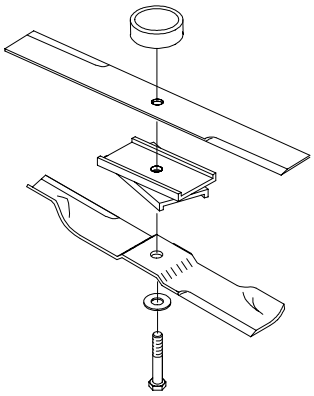
a) Assemble washer, fluted blade, blade saddle, flat blade and spindle cap on the blade bolt, in that order. Make sure the beveled cutting surfaces of the two blades face upward, as shown.

b) Install with spindle cap fitting over hydraulic motor spindle.

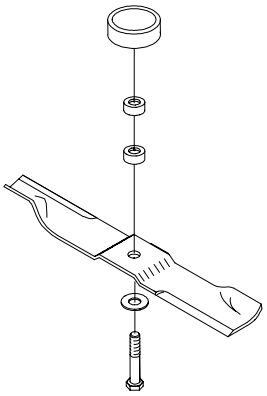
c) Tighten blade bolt with impact wrench capable of reaching 70 ft-lb torque.

d) Repeat for all decks.





ENVIRODECK

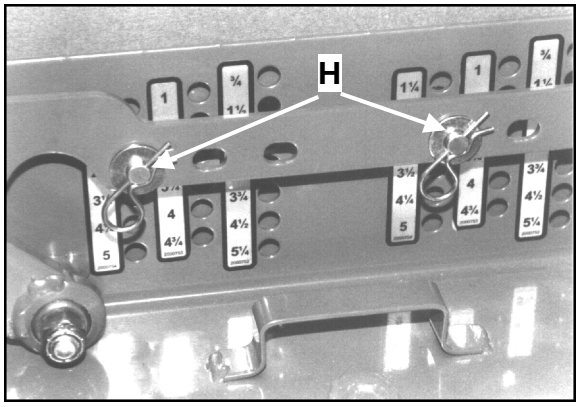


SIDE DISCHARGE

HEIGHT OF CUT

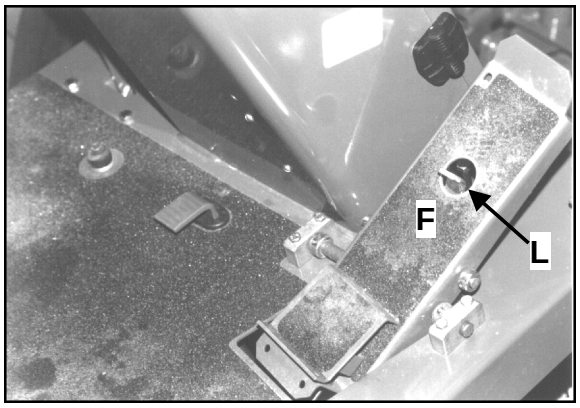
After attaching all five cutterdecks, set the height of cut for each deck as follows:

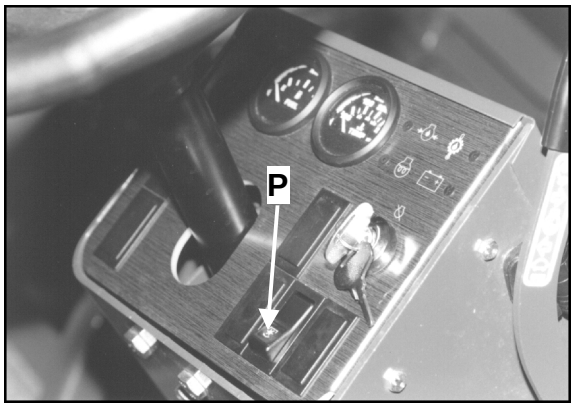
1. Examine the decals on the cutterdeck to determine which pin position is correct for the height of cut desired.
2. If changing the height of cut from the existing position:
   a) Remove the cotter pin and washer securing the two height of cut pins **H** at one side of the deck.
   b) Grasp a handle on the top of the deck and simultaneously remove those height of cut pins.
   c) While still holding the handle, guide the deck so that the height of cut pins can be reinserted into the desired positions.
   d) Resecure height of cut pins with cotter pins and washers.
3. Repeat with height of cut pins at the other side of the deck.
4. Repeat Steps 2 and 3 for all other cutterdecks, setting the same height of cut throughout.



SEAT

1. Mount seat on seat plate:
   a) Milsco suspension seat - Align bolts on the bottom of the seat with holes in the seat plate. Fasten securely with four whiz nuts.
   b) Grammer suspension seat - Align holes in the bottom of the seat suspension with holes in the seat plate. Fasten securely with four bolts and lockwashers.
2. Connect seat cable to tractor harness. **⚠CAUTION** Seat switch is part of the tractor's safety system and should never be disabled. Verify that seat switch operates properly.
   a) Start engine.
   b) Depress neutral latch **L**. The engine must stop when operator leaves the seat.
   c) Take foot off Forward/Reverse footpedal **F**. Depress PTO switch **P** to power decks. The engine must stop when operator leaves the seat.





FINAL PREPARATIONS

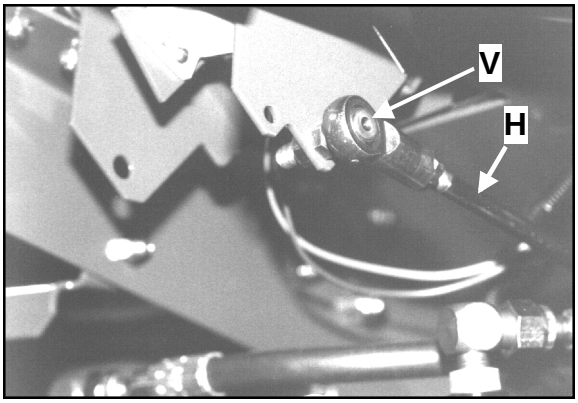
– Make sure all tractor and cutterdeck tire pressures are set to 14 psi (1 kg/cm²). Tires may be overinflated for shipping.
– Before starting the machine:
  – Read and understand all safety instructions at the beginning of this manual.
  – Check battery electrolyte level and charge. Use protective equipment such as, but not limited to, goggles, face shield, rubber gloves, and apron.
  – Fill the fuel tank with #1 or #2 Diesel fuel.
  – Check and top up the engine sump with engine oil if needed.
  – Check and top up the radiator with a 50% antifreeze solution if needed.
  – Check and top up the hydraulic system with oil if needed.
  – Check all points for lubrication (refer to the lubrication section in this manual).

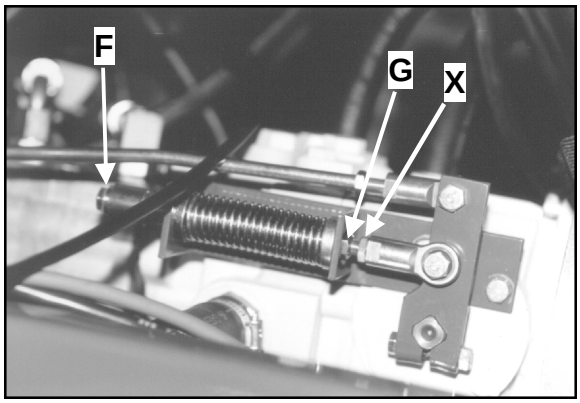
⚠ WARNING

TO CHECK OR ADD FUEL:
– Do it outdoors
– Do not smoke
– Stop engine; allow to cool
– Fill to one inch below bottom of filler neck
– Do not overfill
– Clean up spilled fuel

FORWARD/REVERSE FOOTPEDAL

1. Raise front of tractor off the ground so that wheels are free to turn. **⚠WARNING** Properly support raised machinery with jack stands.
2. Start the engine and check if the front wheels turn. If not, skip this adjustment. If they do, adjust as follows:
   a) Stop engine.
   b) Remove balljoint **V** from footpedal and let hang.
   c) Loosen nut **X** at the hydrostat.
   d) Turn bolt **F** until the wheels stop turning.
   e) If there is play in the spring when bolt **F** is pushed or pulled, remove by adjusting nut **G**.
   f) Tighten nut **X**.
   g) Start the engine. Check if the wheels turn.
   h) If the wheels still turn, stop the engine. Loosen nut **X** at the hydrostat.
   i) Turn balljoint **V** in or out on rod **H**.
   j) Reattach balljoint **V** to footpedal.
3. Return to Step 2, check and repeat this procedure if necessary.
4. When adjustment is complete, make sure all loosened nuts are tightened.



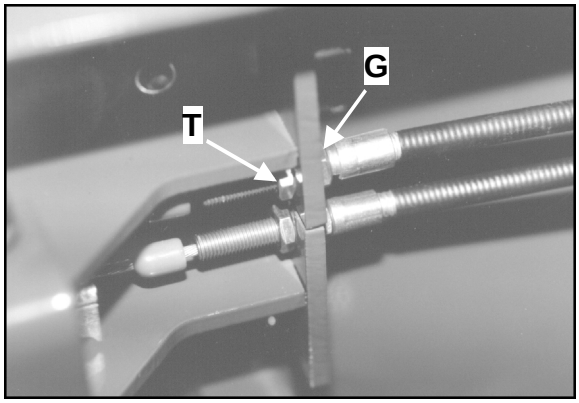


BRAKES

Both brakes should grab equally when the parking brake footpedal is latched. Neither brake should drag when the brake pedal is released.

Adjust cables similarly at either end. Pedal ends of the cables are located below the floorplate. Adjust either cable at pedal end as follows:

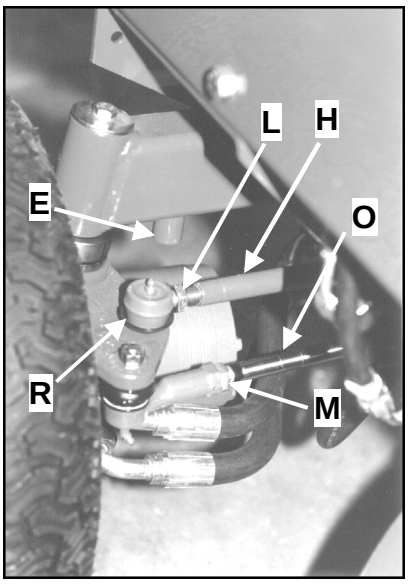
1. Back off nut **T**.
2. Turn nut **G** until brake grabs when pedal latches.
3. Retighten nut **T**.
4. Repeat, if necessary, for second cable.
5. Repeat for either cable, if necessary, at wheel end of cable.



REAR WHEELS

1. **Toe-in** - Each rear wheel should toe-in 1/8" (3.2 mm) at the front of the wheel relative to the back. Adjust as follows:
   a) For both rear wheels, loosen locknut **L** at balljoint **R**.
   b) Rotate tie rod **H** to correct toe-in.
   c) Tighten locknut **L** at both wheels.

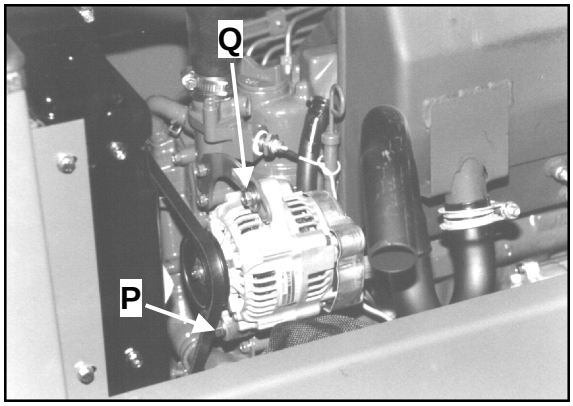
2. **Steering** - The rear wheel balljoints should just contact pin **E**. To adjust either side:
   a) Loosen nut **M**.
   b) Balance between the wheels by rotating steering shaft **O** in its cylinder.
   c) Tighten nut **M**.



ALTERNATOR

Alternator belt tension should deflect 0.2" (5 mm) with a force of approximately 11 lb (5 kg) applied midway between the crankshaft and alternator pulleys. To adjust:

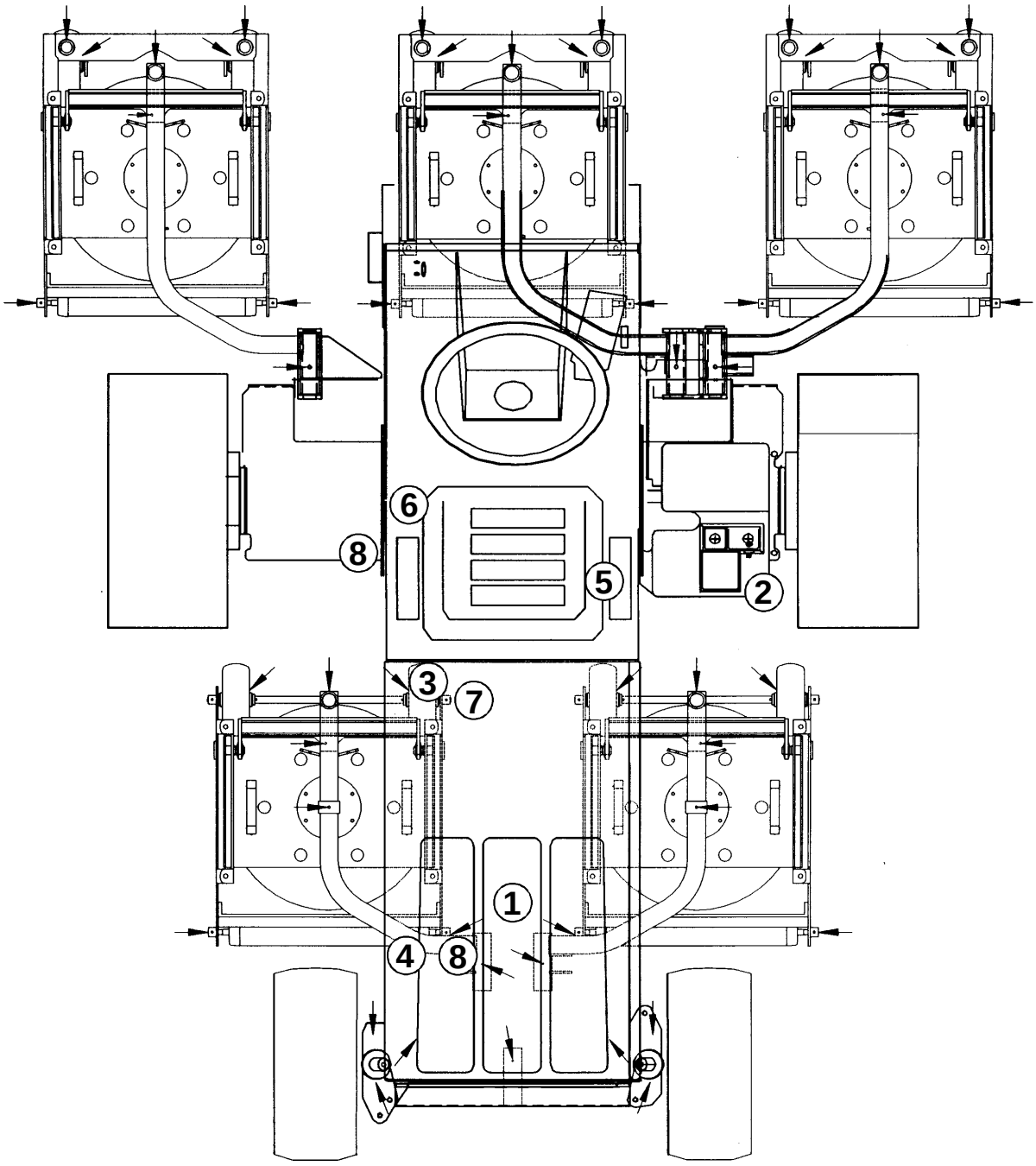
1. Loosen pivot bolt **P** beneath the alternator.
2. Loosen bolt **Q**.
3. Move the alternator to tighten or loosen belt.
4. Tighten bolt **Q** and then **P**.



No service is a one-time job. These hours are intervals between EACH service. SERVICE MORE OFTEN UNDER DIRTY CONDITIONS.	HOURS OF OPERATION				
SERVICE ITEMS	DAILY	50	100	400	600
(Trailing numbers below locate service items on diagram.)					
Check Interlock System	X				
Check/Top-up Engine Oil Level (1)	X				
Check Hydraulic Oil Level (2)	X				
Check/Drain Coalescer (3)	X				
Check/Top-up Coolant Level (4)	X				
Check Tire Pressure	X				
Check/Clean Engine Compartment, Screen and Radiator	X				
Lubricate grease fittings	X - Every week				
Clean Air Cleaner Particle Collector		X			
Verify Cutter Deck Belt Tensions		X			
Check/Top-up Battery			X		
Check Fastener Tightness			X		
Check Fan Belt Tension			X		
Change Engine Oil and Filter (1)			X		
Change Hydraulic Oil (2) & Filter (5)				X	
Service Engine Per Engine Manual				X	
Change Fuel Pump Filter (6)				X	
Change Coalescer (3)				X	
Check Rear Wheel Toe-in				X	
Replace Air Cleaner Element (7)				X	
Drain and Clean Fuel Tank (8)					X
Drain & Flush Cooling System (9)					X

SERVICE NOTES:

- **Change engine oil, hydraulic oil and both filters after first 50 hours of operation.**
- **See engine manufacturer's manual for engine maintenance.**



Lubricate at arrows

FLUIDS	QUANTITY	TYPE
Engine oil (with filter)	1.59 Gal (6 l)	10W30 SF-CD
Hydraulic oil (with filter)	10 Gal (37.9 l)	Turf Protector™ or 10W30 SF-CD
Radiator Coolant	1.06 Gal (4 l)	50% Anti-Freeze

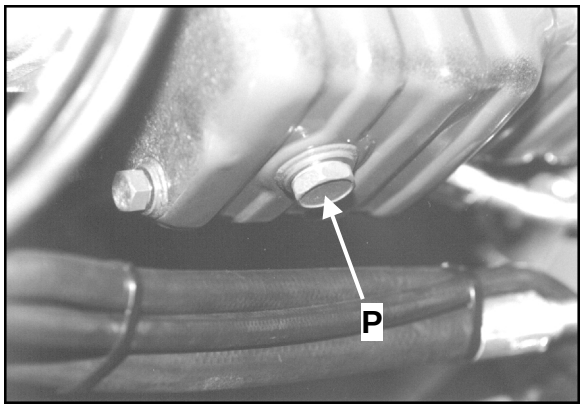
ENGINE OIL

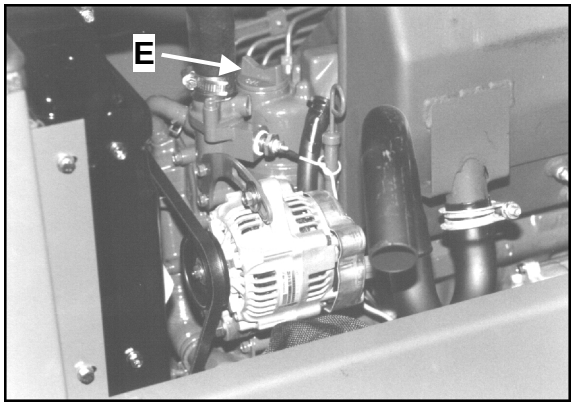
Changing oil

– Warm up engine first and then shut off.
– Remove drain plug **P** from the crankcase and allow oil to drain.
– Clean plug and replace. Refill engine with oil at **E** (see Fluid Requirements chart for amount and type).
– See engine manual for more information.

Oil filter

– Unscrew and replace cartridge intact.
– Apply thin coat of oil to cartridge gasket before installing.
– Check for oil leaks around the cartridge gasket after engine is started.





COOLING SYSTEM

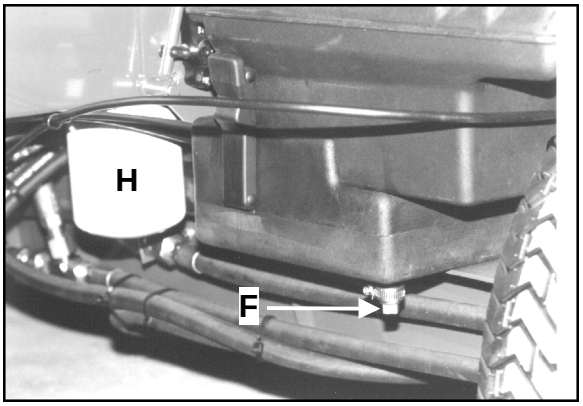
Draining and refilling radiator

1. Drain radiator by removing hose at bottom. Replace and resecure hose when flow stops.
2. Remove radiator pressure cap. Fill radiator with premixed 50% antifreeze solution to the bottom of the fill neck.
3. Start engine and run at 1/4 throttle until engine thermostat opens (coolant will begin to drop below the neck).
4. With engine running, add coolant slowly to maintain level at the bottom of the fill neck.
5. When coolant level stabilizes, stop adding. Replace and resecure radiator pressure cap.

HYDRAULIC SYSTEM

Changing hydraulic fluid

1. Drain fluid by removing plug **F**.
2. Fill through either brass plug **A**.
3. Replace hydraulic fluid filter **H** at intervals recommended in the Service Chart.



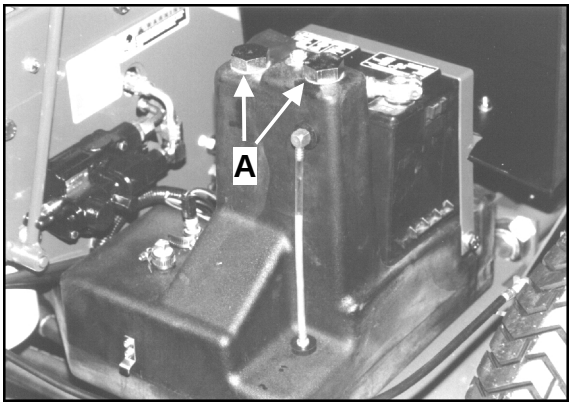
General notes

– When any hydraulic port is opened, plug quickly to reduce risk of contamination.

– Lower lift arms to relieve hydraulic system pressure before servicing.

– Do not use teflon tape on hydraulic pipe fittings. Use a liquid sealant that will dissolve into the system.

– Make sure all hydraulic connections are tight before applying pressure to system.



WARNING

– Leaks can penetrate skin.
– Seek immediate medical attention for oil penetration injury.

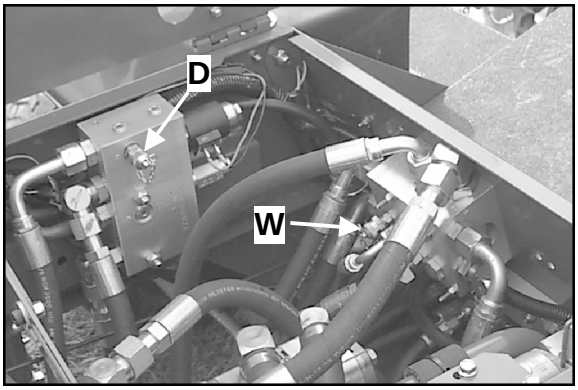
Hydraulic Test Ports

Two ports are visible at right:

– Deck drive valve pressure (3000 psi at **D**).

– 4-wheel drive valve pressure (2500 psi at **W**).

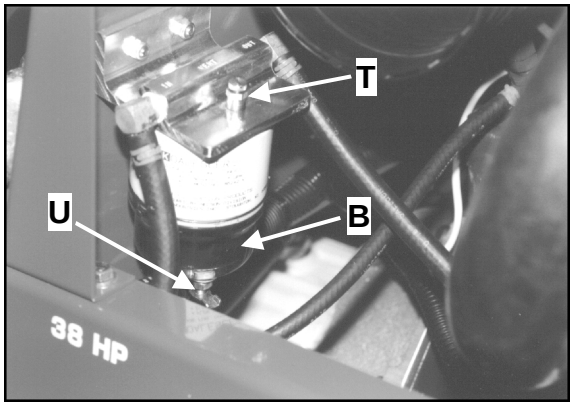
A third port for lift and power steering is located on the left side of pressure manifold below the 4-wheel drive valve (1200 psi).

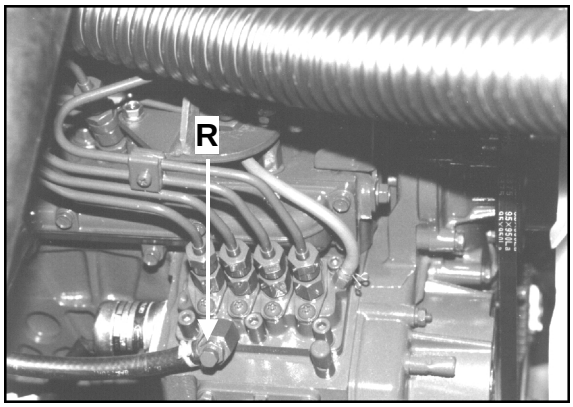


FUEL SYSTEM

To change fuel filter

Inline style located below the seat plate at left. Remove fuel lines, discard filter and replace with new one.





To change Koalescer

1. **Drain bowl:**
   a) With engine off, open vent **T** on head assembly.
   b) Open filter drain valve **U** and allow bowl to empty.
2. Spin off bowl **B** from filter. Discard bowl o-ring.
3. Remove filter.
4. Remove center post from old filter and save. Discard old filter.
5. **Prepare new filter:**
   a) Remove draincock from center hole of new filter and discard.
   b) Remove plug from larger of two holes in new filter and discard.
   c) Install post removed above in center hole of new filter. Tighten securely.
6. Lubricate gasket of new filter. Install filter on filter head, tightening securely by hand.
7. Install new o-ring in bowl and lubricate with oil. Install bowl on filter, tightening securely by hand.
8. Close vent **T** and drain valve **U**.
9. Turn ignition on but do not start engine. Check for leaks, tightening where necessary. Turn off ignition.
10. **Bleed air:**
    a) Turn ignition switch on but do not start engine.
    b) Open air vent **R** on the injection pump allowing air to escape.
    c) Close the air vent.
    d) Turn ignition switch off.

WARNING

Fuel is flammable and fuel vapors explosive. When servicing fuel filters:
– do it outdoors
– do not smoke
– stop engine; allow to cool
– clean up spilled fuel

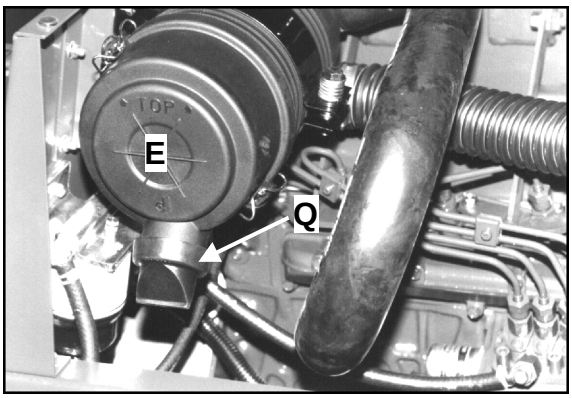
AIR CLEANER

To clean regularly - Squeeze sides of particle collector **Q** to release debris.

To change filter

Replace the air cleaner element according to the Service Chart (more often under dirty conditions). Uneven running, lack of power or black exhaust fumes may indicate a dirty air cleaner.

– Remove end cap **E** by unsnapping two fasteners.
– Pull filter element straight out firmly.
– Install new filter element, pressing firmly to seat against rear shoulder.
– Replace and re-snap end cap, with particle collector pointing downward.



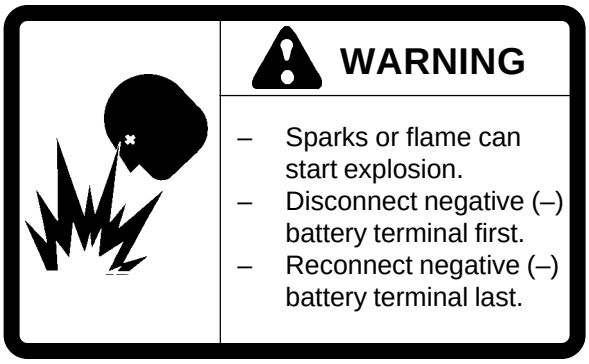
BATTERY

– Add distilled water whenever fluid level is below battery plates.
– Make connections and disconnections to battery terminals in the order shown at right.

⚠ WARNING

When working with battery fluids:

– Always use protective equipment, such as, but not limited to, goggles, face shield, rubber gloves and apron.
– If skin is exposed to battery acid, rinse immediately with very large amounts of water. Seek medical attention.


WARNING
– Sparks or flame can start explosion.
– Disconnect negative (–) battery terminal first.
– Reconnect negative (–) battery terminal last.

BLADE SHARPENING

Blades may be sharpened by filing or grinding. When sharpening, maintain blade balance within 5/8 oz/in (19.4 g/cm). Failure to keep the blade balanced causes excess blade vibration, blade wear and shortened blade life, and may harm other mechanical components of the machine as well.

To check blade balance

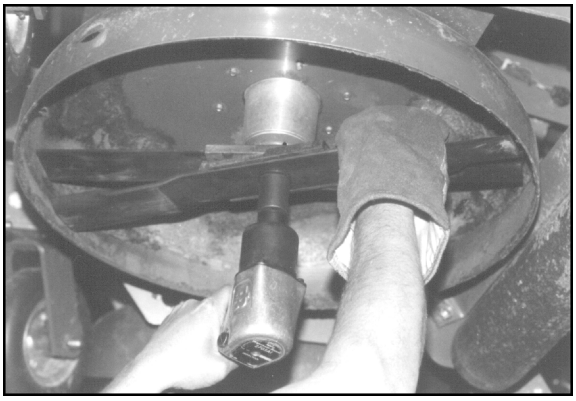
1. Determine if there is a lighter end.
2. Attach a 1/8 oz (3.9g) weight to the lighter end, 5" (127mm) from the center of the blade.
3. If the blade is adequately balanced, the weight should convert the light end into the heaviest end. If needing correction, file or grind the heavy end to satisfy this balance test.

NOTES:

– Do not overheat or weaken blades when sharpening.
– Do not straighten bent blades.
– If the lift portion of the blade is worn thin, replace with a new blade.
– Replace cracked or bent blades.
– Always use new Ransomes blades for replacement for greatest safety.

BLADE CHANGE

⚠ CAUTION Blades are extremely sharp and can cause severe cuts. For your protection, hold blade with thick leather work glove only.



1. Remove blade bolt with impact wrench.
2. Remove blade assembly from deck and replace blade in assembly.
3. Replace blade assembly with spindle cap over hydraulic motor spindle.
4. Tighten blade bolt with impact wrench capable of reaching 70 ft-lb torque.

TRACTOR

Overall Features
- Heavy duty formed steel chassis with box section frame rails
- Hand throttle
- Single foot pedal operating infinitely variable hydrostatic transmission
- Gauges - Fuel, coolant temperature, running time

Engine
- 4-cylinder, liquid-cooled Kubota diesel
- Power - 38 hp (28 kW) at 3000 rpm
- Displacement: 91.44 cu in (1498 cc)

Drive
- Full-time 4-wheel drive
- Direct coupled Sundstrand M35 wheel motors
- 29 cu in front; 21 cu in rear
- Direct coupled variable displacement pump

Fuel System
- Diesel #2 for warm weather. For cold weather operation (below 20°F), diesel #1 or a winterized blend of #1 and #2 are preferrable to reduce paraffin-like components that can turn into flakes and clog the fuel system.
- Capacity: 12 gal (46 L)

Brakes
- Hydrostatic braking
- Parking brake - foot operated
- 10.25" x 1.75" (260 mm x 45 mm) band brakes at front wheels.

Tires
- Front - 26.5 x 14.00-12 4-ply turf tread
- Rear - 20 x 10.00-8 4-ply turf tread
- Ground pressure 9 psi
- Recommended tire pressure - 9 psi

Steering
- Hydrostatic power steering
- Adjustable tilt wheel

Seat
- High back, vinyl covered
- Suspension - Can be varied to adjust for operator's weight
- 5" (127 mm) front-to-rear adjustment

Speeds
- Cutting - 7.5 mph (12 km/h)
- Transport - 8.5 mph (16 km/h)
- Reverse - 4 mph (6.4 km/h)

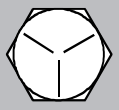
Dimensions
- Cutting width - 98" (2.5 m)
- Overall width - 104" (2.6 m)
- Transport width - 84" (2.1 m)
- Overall length - 122" (3.1 m)
- Overall height - 56" (1.4 m)

Weight - 2800 lb

Hydraulics
- Filter - 10 micron
- Diagnostic hydraulic test ports
- Capacity - 8.3 gal (32 L)
- MegaTuff™ hydraulic hoses
- Turf Protector™ fluid; 10W30 optional

CUTTING UNITS

General
- Five 22" (559 mm) rotary decks supported by equal ratio lift arms
- Drive - fixed displacement hydraulic motors directly coupled to cutting units.
- Control - Cutting unit lift lever with automatic shutoff and safety interlock restart.
- Construction - Heavy-duty, welded pressed steel
- Suspension - Steerable floating head
- Cutting blades:Envirodecks-Patent-pending twin blades. Side Discharge-High Lift blades
- Lower blade - 22" (559 mm)
- Upper blade - 21.5" (546 mm) (Envirodecks only)
- Height of cut - Adjustable in .25" (6 mm) increments; no tool required
- Rear roller - 4" (102 mm) diameter; smooth roller standard

AMERICAN NATIONAL STANDARD FASTENERS			
SIZE	UNITS	 GRADE 5	GRADE 8
6–32	in-lbs (Nm)	20 (2.3)	–
8–32	in-lbs (Nm)	24 (2.7)	30 (3.4)
10–24	in-lbs (Nm)	35 (4.0)	45 (5.1)
10–32	in-lbs (Nm)	40 (4.5)	50 (5.7)
12–24	in-lbs (Nm)	50 (5.7)	65 (7.3)
1/4–20	in-lbs (Nm)	95 (10.7)	125 (14.1)
1/4–28	in-lbs (Nm)	95 (10.7)	150 (17.0)
5/16–18	in-lbs (Nm)	200 (22.6)	270 (30.5)
5/16–24	in-lbs (Nm)	240 (27.1)	300 (33.9)
3/8–16	ft-lbs (Nm)	30 (40.7)	40 (54.2)
3/8–24	ft-lbs (Nm)	35 (47.5)	45 (61.0)
7/16–14	ft-lbs (Nm)	50 (67.8)	65 (88.1)
7/16–20	ft-lbs (Nm)	55 (74.6)	70 (94.9)
1/2–13	ft-lbs (Nm)	75 (101.7)	100 (135.6)
1/2–20	ft-lbs (Nm)	85 (115.3)	110 (149.2)
9/16–12	ft-lbs (Nm)	105 (142.4)	135 (183.1)
9/16–18	ft-lbs (Nm)	115 (155.9)	150 (203.4)
5/8–11	ft-lbs (Nm)	150 (203.4)	195 (264.4)
5/8–18	ft-lbs (Nm)	160 (217.0)	210 (284.8)
3/4–10	ft-lbs (Nm)	170 (230.5)	220 (298.3)
3/4–16	ft-lbs (Nm)	175 (237.3)	225 (305.1)
7/8–14	ft-lbs (Nm)	300 (406.8)	400 (542.4)

RECOMMENDED TORQUES (±10%) FOR THESE GRADES OF FASTENERS. USE THESE SPECIFICATIONS UNLESS OTHERWISE NOTED.

TEXTRON GOLF, TURF & SPECIALTY PRODUCTS USES GRADE 5 BOLTS AS STANDARD (MINIMUM COMMERCIAL QUALITY). DO NOT USE LOWER QUALITY BOLTS UNLESS OTHERWISE NOTED.

BLADE BOLT TORQUE - 70 FT-LB
WHEEL HUB NUTS - 300 FT-LB
WHEEL LUG NUTS - 55-65 FT-LB

PAINT

For paint touchups, use the following:

P/N 833140 Spray 16 oz Ransomes green
P/N 838141 Quart Ransomes green

METRIC FASTENERS							
SIZE	UNITS	4.8	5.8	8.8	10.9	12.9	Noncritical Fasteners into Aluminum
M4	Nm (in-lb)	1.2 (11)	1.7 (15)	2.9 (26)	4.1 (36)	5.0 (44)	2.0 (18)
M5	Nm (in-lb)	2.5 (22)	3.2 (28)	5.8 (51)	8.1 (72)	9.7 (86)	4.0 (35)
M6	Nm (in-lb)	4.3 (38)	5.7 (50)	9.9 (88)	14.0 (124)	16.5 (146)	6.8 (60)
M8	Nm (in-lb)	10.5 (93)	13.6 (120)	24.4 (216)	33.9 (300)	40.7 (360)	17.0 (150)
M10	Nm (ft-lb)	21.7 (16)	27.1 (20)	47.5 (35)	66.4 (49)	81.4 (60)	33.9 (25)
M12	Nm (ft-lb)	36.6 (27)	47.5 (35)	82.7 (61)	116.6 (86)	139.7 (103)	61.0 (45)
M14	Nm (ft-lb)	58.3 (43)	76.4 (55)	131.5 (97)	184.4 (136)	219.7 (162)	94.9 (70)

RANSOMES WARRANTY

AR 250

Textron Golf, Turf & Specialty Products warrants for one year each new Ransomes product and accessories, according to the following terms.

This warranty extends to the original retail purchaser only and commences on the date of original retail purchase. Accordingly this warranty is not transferable to any subsequent purchasers.

Any part of the Ransomes product or accessory manufactured by Textron Golf, Turf & Specialty Products and found in the reasonable judgement of Textron Golf, Turf & Specialty Products to be defective in material or workmanship will be repaired or replaced by an authorized Ransomes dealer without charge for parts and labor.

The Ransomes product or accessory including any defective part must be returned to an authorized Ransomes dealer within the warranty period. The expense of returning the Ransomes product or accessory to an authorized dealer for warranty service and the expense of returning it back to the owner after repair or replacement will be paid for by the owner. Textron Golf, Turf & Specialty Products' responsibility in respect to claims is limited to making the required repairs or replacements, and no claim of breach of warranty shall be cause for cancellation or rescission of the contract of sale of any Ransomes product or accessory.

Proof of purchase will be required by the authorized Ransomes dealer to substantiate any warranty claim. All warranty work must be performed by an authorized Ransomes dealer.

Textron Golf, Turf & Specialty Products makes no warranty with respect to engines, tires, batteries, regulators, starter-generators, or other parts not of its manufacture as such parts are usually warranted separately by their respective manufacturers.

This warranty does not include service items or parts subject to normal wear.

This warranty does not cover any Ransomes product or accessory that has been subject to misuse, neglect, negligence, or accident, or that has been operated or maintained in any way contrary to the operating or maintenance instructions as specified in the Ransomes Operator's Manual. The warranty does not apply to any Ransomes product or accessory that has been altered or modified so as to adversely affect the product's operation, performance or durability or that has been altered or modified so as to change its intended use. In addition, **the warranty does not extend to repairs made necessary by normal wear,** or by the use of parts or accessories which in the reasonable judgement of Textron Golf, Turf & Specialty Products are either incompatible with the Ransomes product or adversely affect its operation, performance or durability.

Textron Golf, Turf & Specialty Products reserves the right to change or improve the design of any Ransomes product or accessory without assuming any obligation to modify any product previously manufactured.

THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. ALL WARRANTIES OTHER THAN THIS EXPRESS WARRANTY ARE SPECIFICALLY DISCLAIMED.

TEXTRON GOLF, TURF & SPECIALTY PRODUCTS' OBLIGATION UNDER THIS WARRANTY IS STRICTLY AND EXCLUSIVELY **LIMITED TO** THE **REPAIR OR REPLACEMENT** OF DEFECTIVE PARTS, AND TEXTRON GOLF, TURF & SPECIALTY PRODUCTS DOES NOT ASSUME OR AUTHORIZE ANYONE TO ASSUME FOR IT ANY OTHER OBLIGATION.

TEXTRON GOLF, TURF & SPECIALTY PRODUCTS ASSUMES NO RESPONSIBILITY FOR INCIDENTAL, CONSEQUENTIAL OR OTHER DAMAGES INCLUDING, BUT NOT LIMITED TO, EXPENSE FOR GASOLINE, EXPENSE OF RETURNING THE RANSOMES PRODUCT TO AN AUTHORIZED DEALER AND EXPENSE OF RETURNING IT BACK TO THE OWNER. MECHANIC'S TRAVEL TIME, TELEPHONE OR TELEGRAM CHARGES, TRAILERING OR TOWING CHARGES, RENTAL OF A LIKE PRODUCT WHILE WARRANTY SERVICE IS BEING PERFORMED, TRAVEL, LODGING, LOSS OR DAMAGE TO PERSONAL PROPERTY, LOSS OF REVENUE, LOSS OF USE OF PRODUCT, LOSS OF TIME OR INCONVENIENCE.

This warranty gives you specific legal rights. You may also have other rights, which vary from state to state.

Textron Golf, Turf & Specialty Products * P.O. Box 82409 * Lincoln, Nebraska 68501-2409

To make a claim under warranty, contact an authorized Ransomes dealer immediately upon realizing a problem exists. We recommend having the warranty work performed by the dealer who originally sold you the unit; however, warranty work can be sought from any authorized Ransomes dealer. Remember, your Ransomes unit must be delivered to an authorized Ransomes dealer within the warranty period, and all warranty work must be performed only by an authorized Ransomes dealer. Proof of purchase will be required by the dealer to substantiate any warranty claim.

EXAMPLES OF ITEMS NOT COVERED UNDER WARRANTY

Provisions of the warranty will not apply to:

- Normal service requirements arising during the warranty period, such as carburetor or ignition adjustment and cleaning or wear of a drive belt, brake, clutch linings or starter brushes.
- Normal service work over and above the repair and replacement of defective parts.
- Units subject to misuse, neglect, negligence, or accident.
- Units that have been altered or modified so as to adversely affect their operation, performance or durability or to change their intended use.
- Repairs made necessary by the use of parts or accessories which are either incompatible with the unit or adversely affects the operation, performance or durability.
- Units not operated or maintained in accordance with the instructions in the Ransomes Operator's Manual.
- Normal cleaning, adjusting or replacing of such items as filter, spark plugs, ignition points, light bulbs, fuses or starter drive.
- Periodic checking or adding of lubricants to the unit or service check-up, tune-up or diagnosis.

Expense of delivering the unit to the dealer and expense of returning the unit back to the owner, mechanic's travel time, trailering or towing charges, or rental of a like unit during the time warranty repairs are being performed.

Engines, tires, batteries, regulators and starter-generators manufactured by other than Ransomes are not covered under this warranty as such parts are usually warranted by their respective manufacturers.
This warranty applies only to the original retail purchaser. Second-owner or subsequently owned units are not covered under warranty.

OWNER'S OBLIGATION AND RESPONSIBILITY

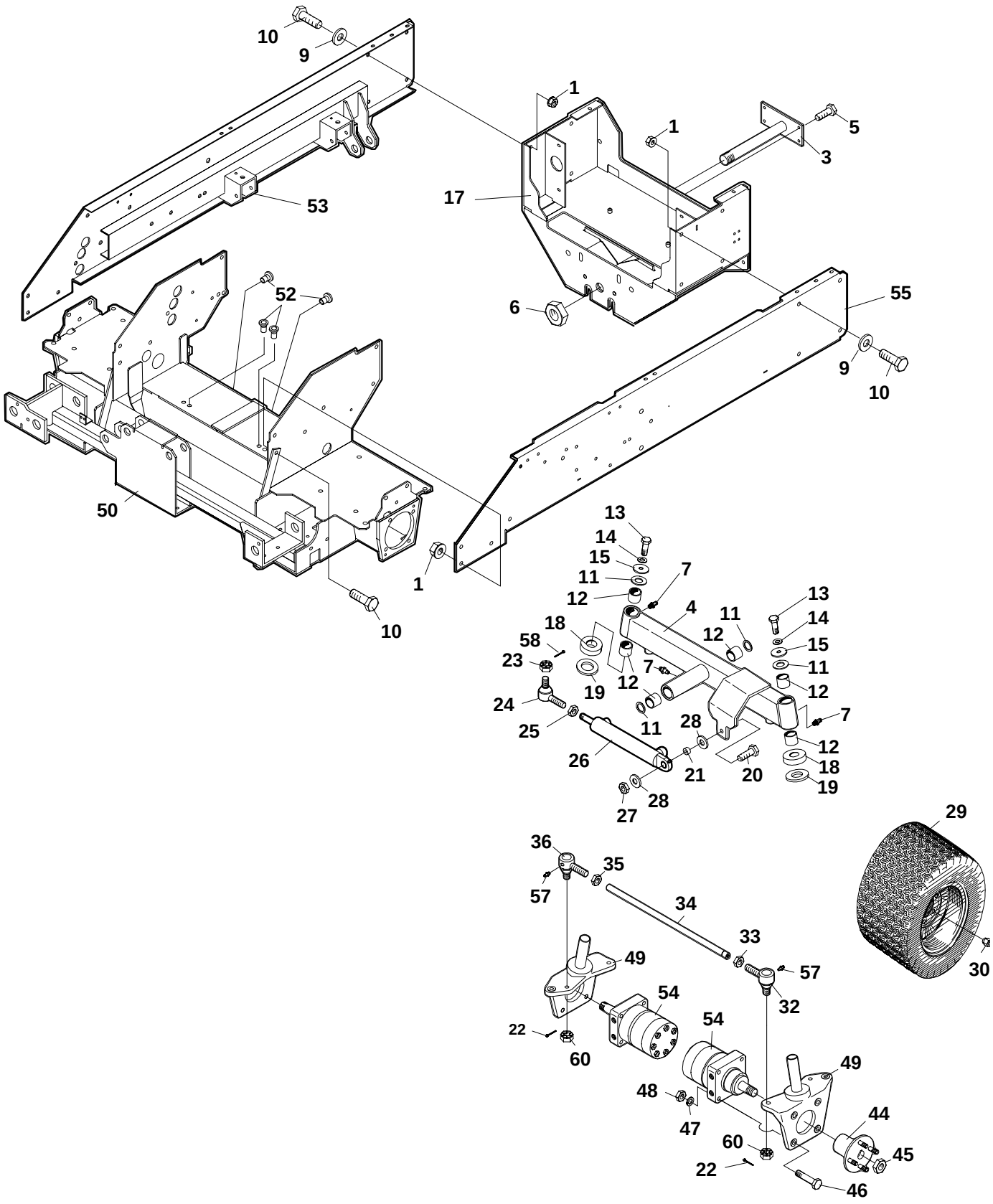
Normal maintenance service and replacement of service items are the responsibility of the owner and as such are not considered defects in material or workmanship within the terms of the warranty. Individual operating habits and usage contribute to the need for maintenance service.

See your Ransomes dealer for proper maintenance and care of your unit. Proper maintenance and care will assist in keeping your overall operating cost at a minimum.

To validate a warranty claim, it is the owner's responsibility to maintain all components in proper adjustment and service the unit as specified in the Ransomes Operator's Manual. It is the owner's responsibility to provide proper lubrication for all components and provide correct recommended fuel for the unit. It is the owner's responsibility to maintain the battery liquid level and charge as specified, as well as maintaining the correct pressure in the unit's tires.

1-99

FIGURE 1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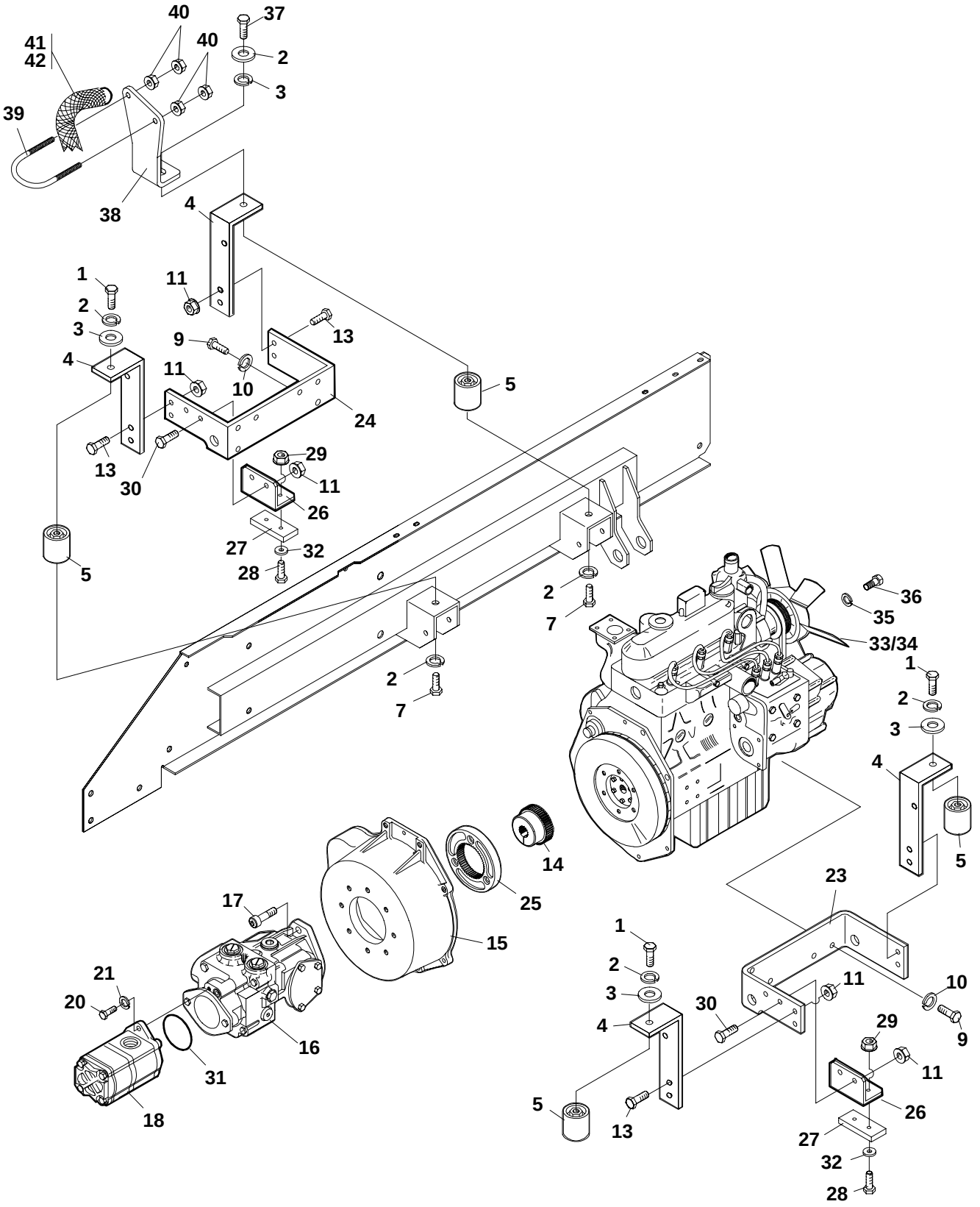
2207073

FIGURE 1

ITEM	PART NO.	DESCRIPTION	QTY
1-1	64237-06	LOCKNUT NYLON M12-1.75	14
1-3	2206030.2	WLDMT REAR AXLE PIVOT	1
1-4	2206101	S REAR AXLE ASSY	1
	(INCLUDES ITEMS 7 & 12)		
1-5	64205-001	BOLT-TDFM 5/16-18X3/4	4
1-6	64151-29	NUT HEX 1-1/4-12 NYLOCK	1
1-7	85010N	ZERK	3
1-9	64251-005	WASHER	12
1-10	A1105061	BOLT M12-1.75 X 30	14
1-11	62464-4A	WASHER, THRUST	4
1-12	108003	BUSHING	6
1-13	64205-007	BOLT- M10-1.5 X 20	2
1-14	800488	LOCKWASHER M10	2
1-15	64163-17	WASHER	2
1-17	2206142	WLDMT-REAR FRAME	1
1-18	178018	THRUST BEARING	2
1-19	173042	SPACER-SPINDLE	2
1-20	64123-24	BLT HEX 1/2-13 X 2	1
1-21	2203049	BUSHING-STEERING CYL	1
1-22	64140-1	COTTER PIN 1/8 X 1	2
1-23	306825	NUT, 7/16-20 CASTLE	1
1-24	887692	END, TIE ROD	1
1-25	800490	NUT 14MM 1.5	1
1-26	198040	CYLINDER, STEERING	1
	(USE 198040-01 SEAL KIT)		
1-27	64151-7	1/2-13 HEX LOCK NUT	1
1-28	64163-54	WASHER	2
1-29	178032	ASSY-WHEEL 20 X 10 X 8	2
	178032-01	S TIRE 20 X 10 X 8	A/R
	118082	S RIM 8" 4 BOLT	A/R
1-30	64187-03	WHEEL NUT 1/2-20	8
1-32	148058-02	ROD END LH	1
	(INCLUDES ITEM 60)		
1-33	64025-27	NUT 5/8-18 LH	1
1-34	2203082.2	TIE ROD	1
1-35	64025-16	NUT 5/8-18 RH	1
1-36	148058-01	ROD END RH	1
	(INCLUDES ITEM 60)		

ITEM	PART NO.	DESCRIPTION	QTY
1-44	2720828.7	WLDMT-WHEEL HUB	2
1-45	64025-35	NUT-1-1/8-18 UNSLTD TRW	2
1-46	A1005166	BOLT-M12-1.75X80	8
1-47	64006-05	LOCKWASHER 1/2	8
1-48	64207-07	NUT-HEX M12-1.75	8
1-49	2201012.2	PLATE MOTOR	2
1-50	2206076	S FRAME FRONT W/LABS	1
1-52	64250-03	INSERT-GRIP M10-1.5X21.20	4
1-53	2206025.2	WLDMNT-FRAME RAIL RH	1
1-54	2720824-05	WHEEL MTR ME210219AABT	2
	(USE SEAL KIT 148138)		
	(USE KEY 64164-08)		
1-55	2206024.2	WLDMNT-FRAME RAIL LH	1
1-57	35027N	GREASE ZERK	2
1-58	64140-3	COTTER PIN 3/32 X 3/4	1
1-60	64025-30	NUT-HEX 1/2-20 SLOT	2
1-61	64237-05	NUT-M8	4

FIGURE 2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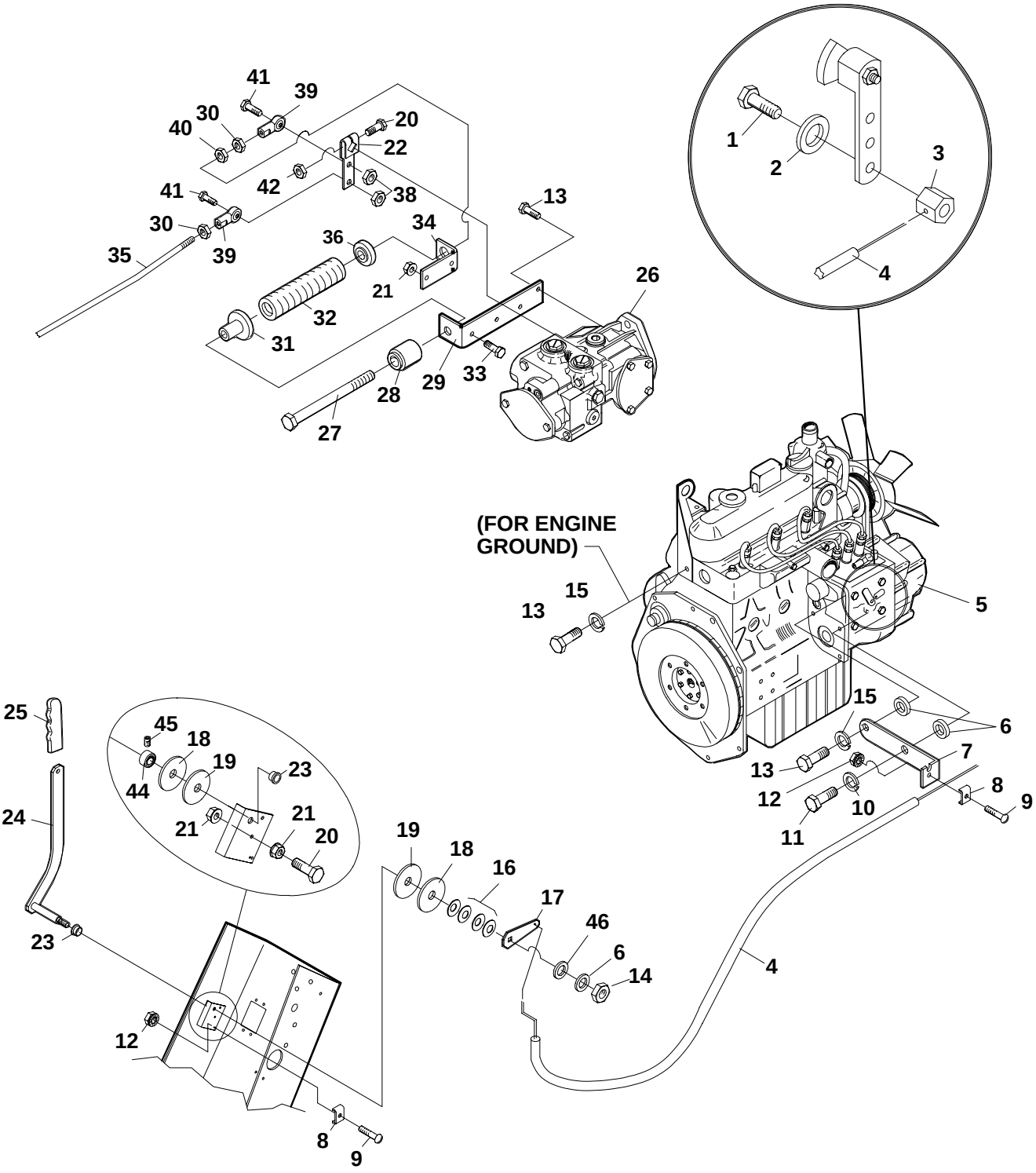
2207074

FIGURE 2

ITEM	PART NO.	DESCRIPTION	QTY
2-1	64123-73	BLT HEX 1/2-13 X 1	4
2-2	64006-05	LOCKWASHER 1/2	8
2-3	64163-19	33/64X1-1/4X12GA WASHR	4
2-4	2202064.2	BRKT-ENG MOUNTING	4
2-5	48380	MOUNT, ISOLATION	4
2-7	64123-119	BLT-HEX 1/2-13 X 3/4	4
2-9	64206-04	BLT-METRIC M10-1.25X25	10
2-10	800488	LOCKWASHER	10
2-11	64237-03	LOCKNUT NYLON M10-1.5	12
2-13	64205-011	HEX BOLT M10-1.5 X 40	8
2-14	2208063	COUPLING-15 TOOTH	1
2-15	2208048-01	BELL HOUSING	1
2-16	2208192	PUMP	1
2-17	64189-8A	BLT HEX SOC 1/2-13 X 1.25	2
2-18	2208182	PUMP-2 SECTION	1
	(SEAL KIT 2208182-01)		
2-20	64123-50	BLT HEX 3/8-16 X 1	2
2-21	64006-03	LOCKWASHER	2
2-23	2202131.2	BRKT-MOTOR, LH	1
2-24	2202130	BRKT-MOTOR, RH	1
2-25	2208048-02	DISC	1
2-26	2202269.2	BRKT-BUMPER MOUNTING	2
2-27	2208195	BUMPER-DECK STOP	2
2-28	64205-025	BOLT-MET M6-1.00X25	4
2-29	64237-02	LOCKNUT-NYL M6-1.00	4
2-30	A110406	SCREW-M10 X 30	4
2-31	158061-04	O-RING	1
2-32	64163-03	WASHER	4
2-33	2203099	SPACER-FAN	1
2-34	2208213	FAN-370MM	1
2-35	64006-01	LOCKWSHR-HELICAL 1/4	4
2-36	64205-048	BLT-METRIC M6-1.00X30	4
2-37	64123-39	BLT-HEX 1/2-13X1-1/4	1
2-38	2720648.2	BRACE-MUFFLER	1
2-39	64225-01	U-BOLT	1
2-40	64025-01	NUT-HEX 1/4-20	4
2-41	2208132	EXHAUST PIPE	1
2-42	2208199	MUFFLER WRAP	1

ITEM	PART NO.	DESCRIPTION	QTY

FIGURE 3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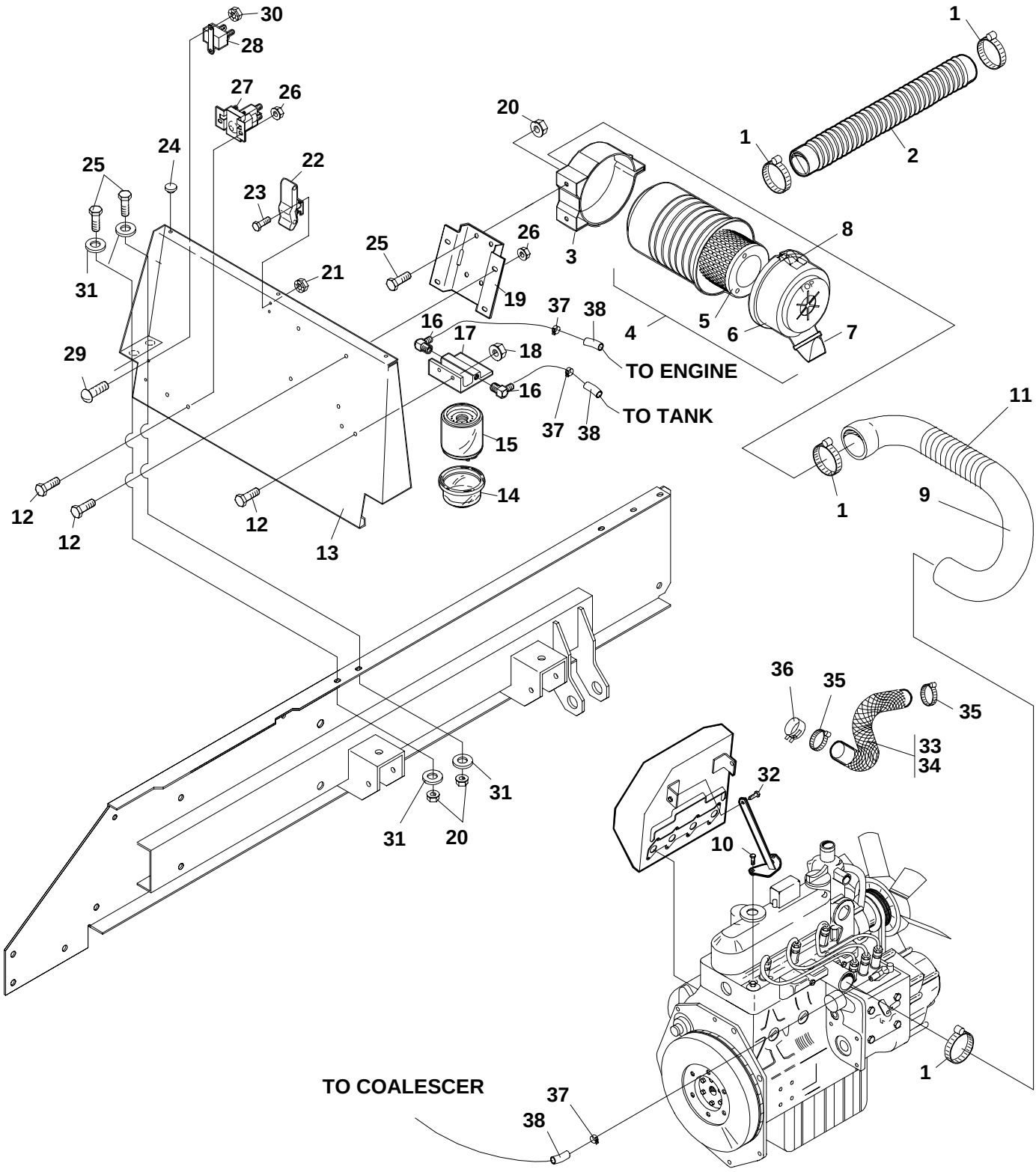
ITEM	PART NO.	DESCRIPTION	QTY
3-1	64123-59	BLT-HEX 5/16-24 X 1/2	1
3-2	64163-55	WASHER	1
3-3	172084	CLAMP THROTTLE	1
3-4	148057-03	CABLE, THROTTLE	1
3-5	2720695	ENGINE-KUBOTA V1505E	1
	KUBOTA ENGINE COMPONENT NUMBERS:		
	12251-4301-0	IN-LINE FUEL FILTER	
	15221-4308-0	CARTRIDGE FUEL FILTER	
	68371-5121-0	ELECTRIC FUEL PUMP	
	16271-3209-0	OIL FILTER	
3-6	64163-31	WASHER	3
3-7	172085.2	BRACKET-THROTTLE	1
3-8	22372	B & S CABLE CLAMP	2
3-9	64152-49	10-24 X 3/4 MACH SCREW	2
3-10	800488	LOCKWASHER	1
3-11	64206-04	BLT METRIC M10-1.25 X 25	1
3-12	64025-15	NUT HEX #10-24 KEPS	2
3-13	64205-001	BLT M8-1.25 X 20	3
3-14	64151-1	5/16-18 HEX LOCKNUT	1
3-15	64006-02	LOCKWASHER	2
3-16	64209-01	CONICAL SPRING WASHER	4
3-17	172088	THROTTLE	1
3-18	64163-18	WASHER	2
3-19	64163-25	WASHER	2
3-20	64123-69	BLT-HEX 5/16-18 X 1-1/2	3
3-21	64141-6	NUT-WLF 5/16-18	6
3-22	172364.2	ARM-CONTROL HD	1
3-23	118047-02	BUSHING FLIP-LOK 1/2	2
3-24	176102	S THROTTLE LEVER W/LAB	1
3-25	38404-02	GRIP, CONTROL LEVER	1
3-26	2208192	PUMP	1

(SEE PAGES 60-61 FOR PARTS BREAKDOWN)

ITEM	PART NO.	DESCRIPTION	QTY
3-27	64123-102	BLT-HEX 3/8-24 X 7	1
3-28	43039A	SPACER, BELT GUIDE PLT	1
3-29	172028.2	BASE-NEUTRAL RETURN	1
3-30	64001-2	NUT-HEX JAM 3/8-24	1
3-31	43034A	BUSH, FRT-NEU-CNTRL-PLT	1
3-32	2208166	NEUTRAL RETURN SPRING	1
3-33	64139-16	BLT-WLF 5/16-18 X 5/8	2
3-34	172029.2	BRACKET-NEUTRL RETURN	1
3-35	2203042	ROD-FWD/REV	1
3-36	43035A	BUSH, REAR-NEU CNTL PLT	1
3-38	64151-18	3/8-16 CL HEX NUT	2
3-39	138011	BALL JOINT	2
3-40	64151-3	3/8-24 HH LOCK NUT	1
3-41	64123-50	BLT-HEX 3/8-16 X 1	2
3-42	64151-3	3/8-24 HH LOCKNUT	1
3-44	43067A	COLLAR SET	1
3-45	64044-1	SET SCREW	1
3-46	64163-19	WASHER	1

* AVAILABLE THROUGH KUBOTA DEALER

FIGURE 4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ITEM	PART NO.	DESCRIPTION	QTY
4-1	48383	CLAMP	4
4-2	198069-02	S-HOSE-AIR CLNR INTAKE	1
4-3	2198114	CLAMP-AIR CLEANER	1
4-4	2198147	AIR CLEANER	1
	(INCLUDES ITEMS 5-8)		
4-5	2198147-01	FILTER ELEMENT	1
4-6	2198147-03	COVER	1
4-7	2198147-02	VALVE-DUST UNLOADER	1
4-8	2198147-04	S-COVER CLIP	1
4-9	2208086	HOSE-AIR CLEANER	1
4-10	A1103051	BOLT-M8-1.25 X 25	4
4-11	2208292	COVER-HOSE,SPIRACOVER	1
4-12	64139-20	WIZ BOLT M6-1 X 16	8
4-13	2202326.2	PANEL, FRONT	1
4-14	178077	SIGHT BOWL	1
4-15	178078	FILTER-COALESCER	1
4-16	108086-05	FITTING	2
4-17	178081	ASN-FILTER HEAD	1
4-18	64237-02	LOCKNUT-NYLON M6-1.00	2
4-19	2192276.2	MNT-PLASTIC AIR CLNR	1
4-20	64237-05	NUT-NYL M8-1.25	6
4-21	64025-29	NUT-HEX #8-32 KEPS	2
4-22	2198112	LATCH, HOOD	1
4-23	64152-20	#8-32 X 1/2 MACH SCREW	2
4-24	2198125	BUMPER	3
4-25	64205-001	BLT-MET M8-1.25 X 20	6
4-26	64246-01	WIZ NUT M6-1.00	6
4-27	38665	SOLENOID	1
4-28	48524	BREAKER, 40 AMP	1
4-29	64152-06	#10-24 X 1/2 SCREW	2
4-30	64025-15	#10-24 KEPS NUT	2
4-31	64251-003	WASHER M8	8
4-32	64206-04	BLT-MET 10-1.25 X 25	2
4-33	2208132	EXHAUST PIPE	1
4-34	2208199	MUFFLER WRAP	1
4-35	108094-01	HOSE CLAMP .75 TO 1.75	2
4-36	48319-02	CLAMP-MUFFLER 1-1/2	1
4-37	88042-02	CLAMP-HOSE 5/16	3
4-38	148263-05	HOSE-FUEL 5/16 46.0"	2

ITEM	PART NO.	DESCRIPTION	QTY

STEERING WHEEL & PEDAL MOUNTING

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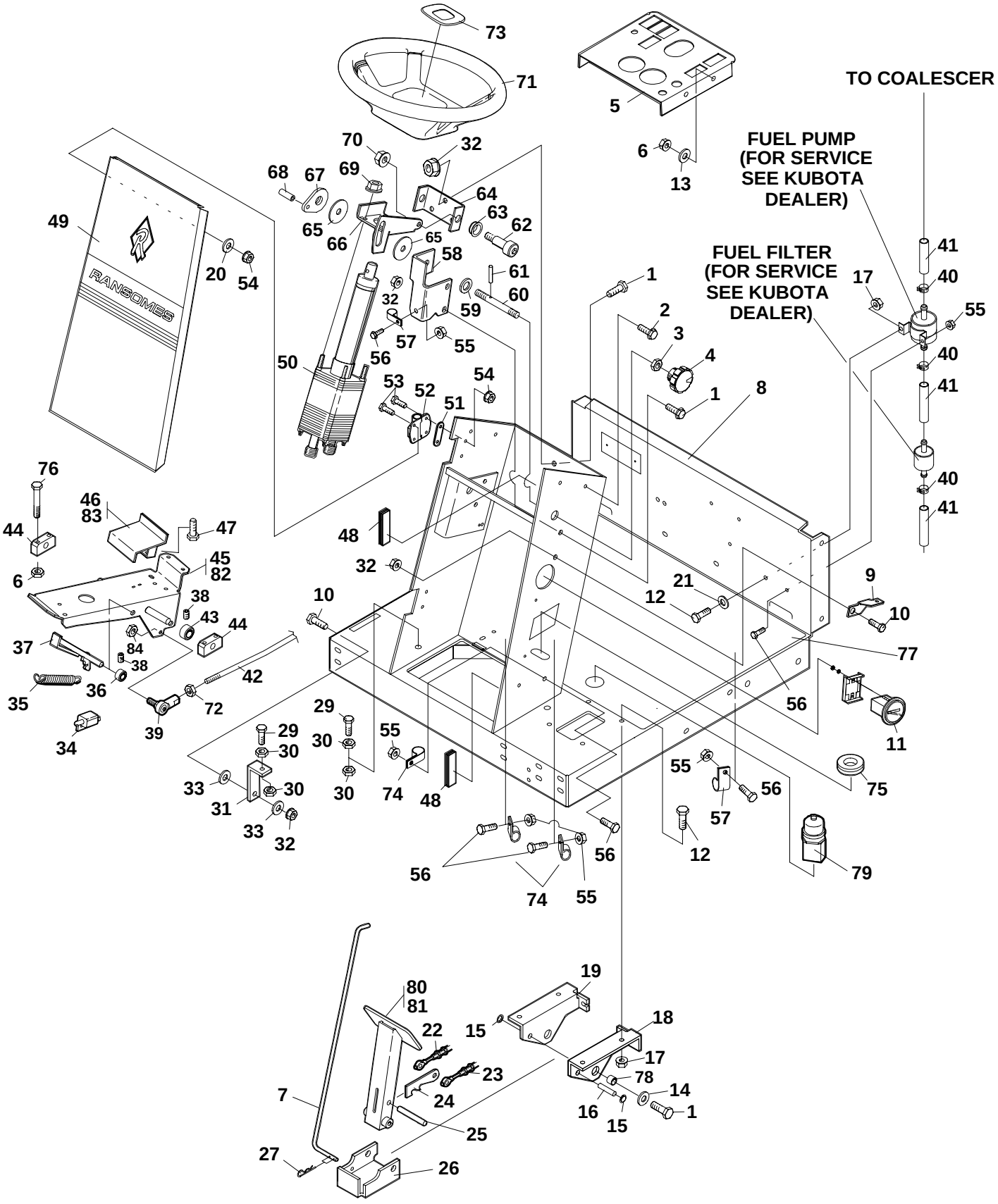
FIGURE 5

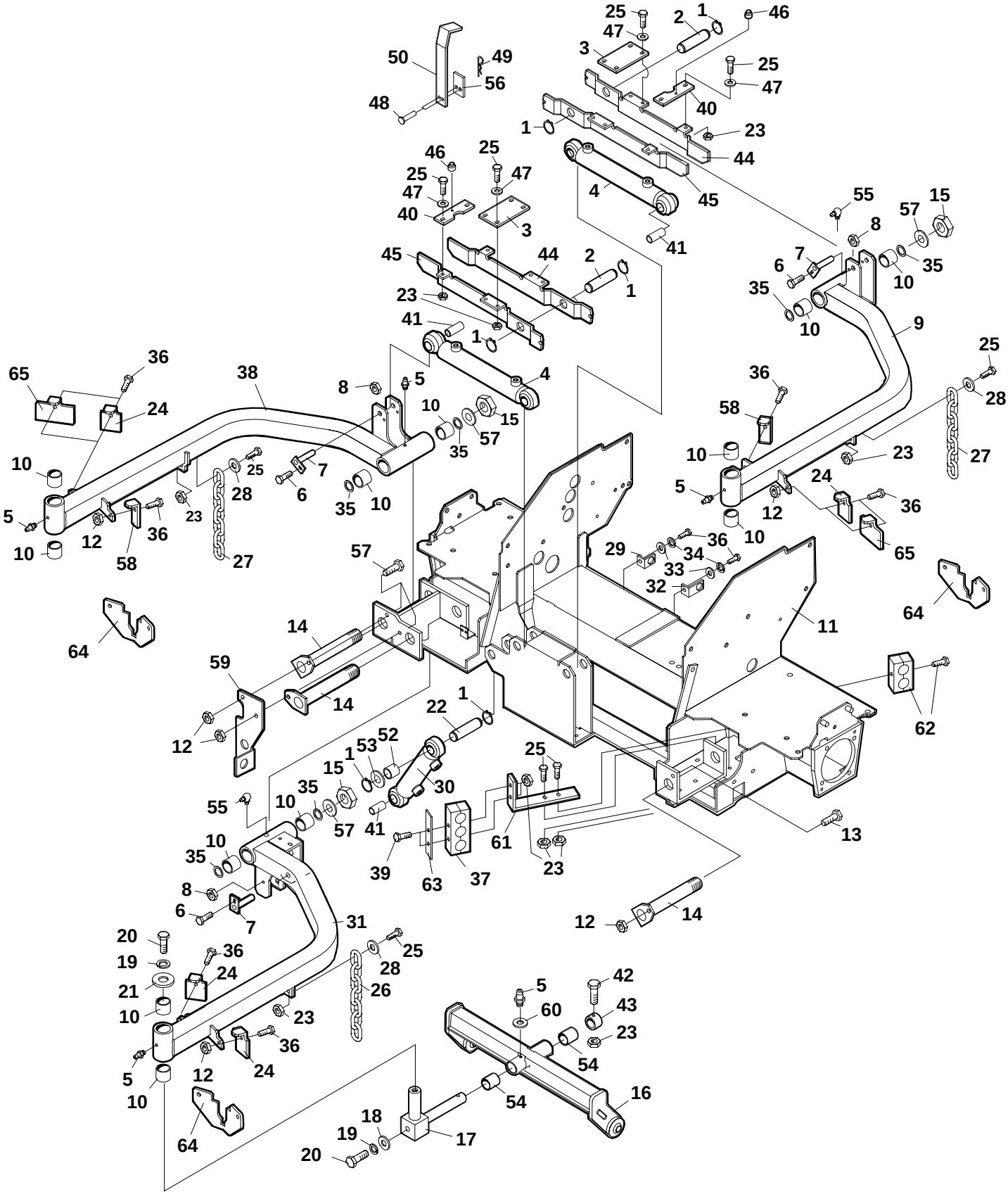


ITEM	PART NO.	DESCRIPTION	QTY
5-1	64205-007	HEX BOLT M10-1.5 X 55	6
5-2	A1102966	BOLT M6-1.00 X 16	4
5-3	64001-8	NUT-HEX JAM 1/2-13	1
5-4	38124-01	KNOB	1
5-5		PANEL-INSTRUMENT	1
	(SEE FIG 12	FOR COMPONENT PARTS)	
5-6	64237-02	LOCKNUT NYLON M6-1.00	9
5-7	2203070.2	ROD-BRAKE RELEASE	1
5-8	2206060	S TOWER W/LABS	1
5-9	2202159.2	GUIDE-BRAKE ROD	1
5-10	A1104057	BOLT M10-1.5 X 25	2
5-11	48030N	HOUR METER	1
5-12	64205-001	BLT METRIC M8-1.25 X 50	5
5-13	64251-002	WASHER M6	4
5-14	64251-004	WASHER M10	2
5-15	64175-04	PUSHNUT 3/8 DIA	2
5-16	2203067	PIN-BRAKE	1
5-17	64237-05	LOCKNUT-NYLON M8-1.25	5
5-18	2202149.2	BRKT BRAKE LH	1
5-19	2202150.2	BRKT BRAKE RH	1
5-20	64251-001	WASHER M5	4
5-21	64251-003	WASHER M8	1
5-22	128025-04	CABLE-BRAKE	1
5-23	128025-03	CABLE-BRAKE	1
5-24	2202154.2	LATCH-BRAKE	1
5-25	2203069	PIN-BRAKE PEDAL	1
5-26	2202148.2	RELEASE-BRAKE	1
5-27	64168-2	COTTER PIN	2
5-29	A1003122	BOLT M8-1.25 X 60	2
5-30	64207-01	NUT HEX M8-1.25	4
5-31	2202161.2	BRACKET-SPEED CONTROL	1
5-32	64237-03	LOCKNUT NYLON M10-1.5	6
5-33	64209-07	WASHER, CONICAL M10	2
5-34	38383	SWITCH	1
5-35	48429	SPRING-EXTENSION	1
5-36	48428	COLLAR-SET 3/8 ID	2
5-37	196021	WLDMT-NEUTRAL CONTROL	1
5-38	64044-1	SET SCREW 1/4-20 X 1/4	4
5-39	48109N	BALL JOINT-SPF-6S	1
5-40	88042-02	CLAMP-HOSE 5/16	4
5-41	148263-05	HOSE-FUEL 5/16 46.0"	3
5-42	2203042	ROD-FWD/REV	1
5-43	43067A	COLLAR, SET PLATE	2
5-44	41028	BEARING BLOCK	2
5-45	2196117	S FWD/REV PED W/MAT	1
5-46	146082	S PEDAL ADAPTER W/MAT	1
5-47	64139-02	BLT-WLF 1/4-20 X 1/2	2
5-48	2208077	CATCH-MAGNET W/ADHES	2
5-49	2216052	S TOWER COV W/LAB	1
5-50	2208142	VALVE POWER STEERING	1
	(USE SEAL KIT 2208142-01)		
	(USE BEARING KIT 2208142-02)		
	(USE CAP KIT 2208142-03)		
	(USE RELIEF VALVE 2208142-04)		
5-51	2202108.2	SPACER-TOWER HINGE	2
5-52	2208076	HINGE-TOWER COVER	2
5-53	64152-50	SCREW M5 TORX HEAD	8
5-54	64237-01	LOCKNUT NYLON M5	8
5-55	64246-01	WIZ NUT M6-1	7
5-56	64139-20	WIZ BOLT M6-1 X 16	7
5-57	48228A	CLIP	2
5-58	172304.2	BRACKET-TILT WHEEL	1
5-59	64163-54	WASHER .516 ID	1
5-60	173006	SHAFT LOCKING	1
5-61	64061-21	ROLL PIN	1
5-62	64166-17	SHOULDER BOLT	2
5-63	118047-02	BUSHING, FLIP LOK 1/2	2
5-64	172042.2	BRKT-STEERING	1
5-65	178138	WASHER-FRICTION	2
5-66	172298.2	SUPPORT-STEERING	1
5-67	176100.2	WLDMTFRICTION WASHER	1
5-68	64061-18	ROLL PIN	1
5-69	64141-1	NUT-WLF 5/16-24	4
5-70	64229-03	LOCKNUT NYLON 3/8-16	2
5-71	2198130	STEERING WHEEL	1
	(INCLUDES ITEM 73)		
5-72	64001-2	JAM NUT 3/8-24	1
5-73	839862	S-LOGO COVER	1
5-74	48228-2A	CLIP	3
5-75	148034-01	INSUL. GROMMET 1" ID	1
5-76	64205-014	BLT-METRIC M6-1.00 X 35	4
5-77	2208052	MAT-PLATFORM	1
5-78	2203046	BUSHING-BRAKE	2
5-79	2208099	SWITCH	1
5-80	2206071	S BRAKE PEDAL W/MAT	1
5-81	2198129	MAT-NON SKID	1
5-82	48436	MAT, NONSKID	1
5-83	48013-06A	MAT, NONSKID	1
5-84	64207-06	NUT-HEX M6-1.00	1

FRONT LIFT ARM MOUNTING

AR 250

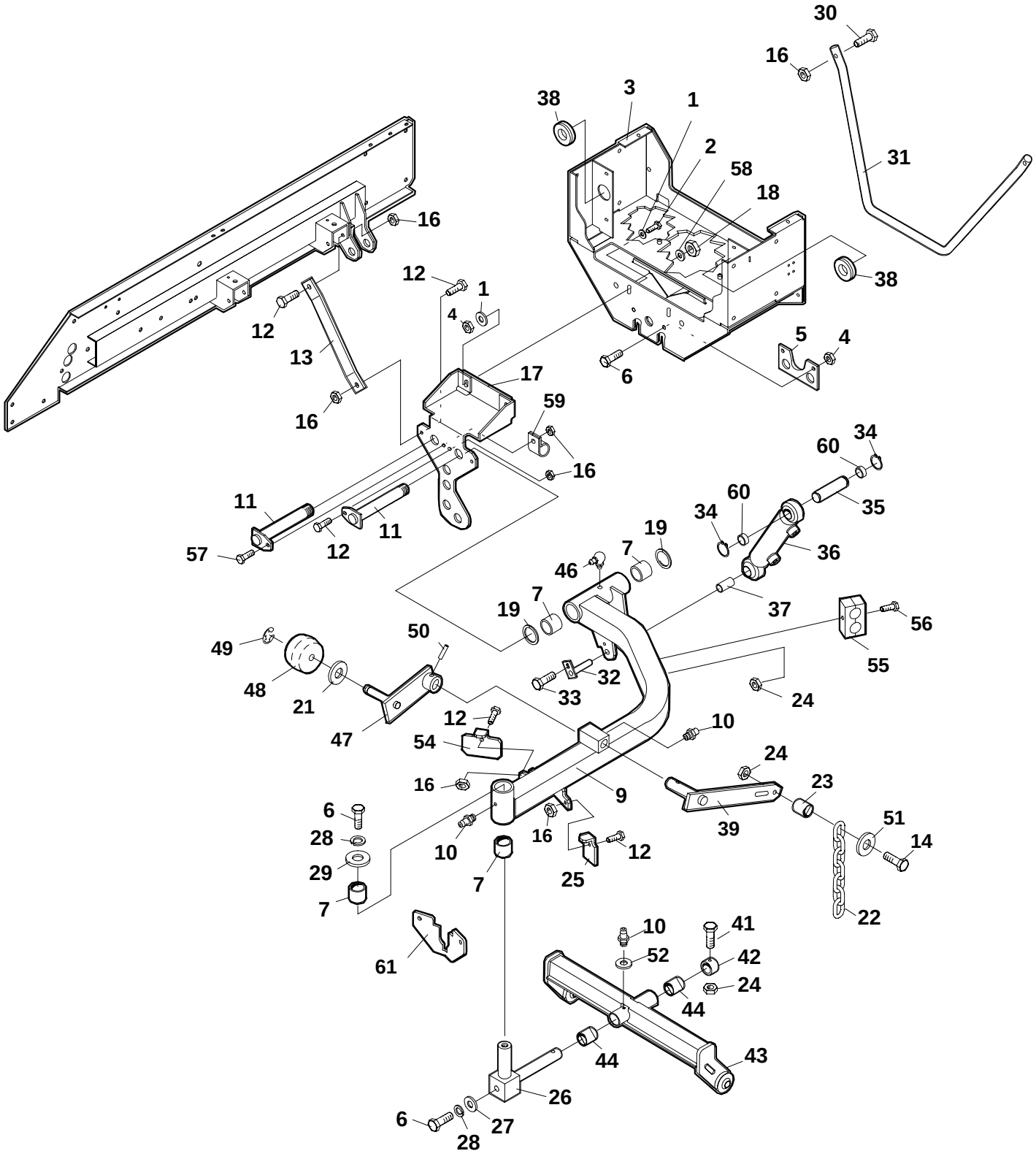
FIGURE 6



ITEM	PART NO.	DESCRIPTION	QTY
6-1	64144-13	SNAP RING	6
6-2	2203048-02	PIN-REEL CYLINDER (USE ON RH & LH UNITS)	2
6-3	2202170.2	PLATE-LIFTSTOP	2
6-4	2208151	CYLINDER-REEL, LONG (USE SEAL KIT 198040-01)	2
6-5	85010N	ZERK GREASE FITTING	7
6-6	64139-20	WIZ BOLT M6-1.00 X 16	3
6-7	2206032	WLDMT-CYLINDER PIN	3
6-8	64246-01	WIZ NUT M6-1.00	3
6-9	2206175	S-LIFT ARM, LEFT FRONT (INCLUDES ITEMS 5, 10 & 55)	1
6-10	108003	BUSHING	12
6-11	2206076	S FRAME FRONT W/LABS	1
6-12	64237-03	LOCKNUT-NYLON M10-1.5	9
6-13	A110406	SCREW, M10X30 HH	1
6-14	2206051.2	WLDMT-PIVOT PIN REAR	3
6-15	64151-29	NUT HEX 1-1/4-12 NYLOK	3
6-16	2206178	S-DECK PIVOT S YOKE (INCLUDES ITEMS 5, 54 & 60)	3
6-17	2206010	ASSY, PIVOT SHAFT	3
6-18	64163-19	WASHER	6
6-19	64006-05	LOCKWASHER	3
6-20	A1105061	BOLT-M12-1.75 X 30	6
6-21	64163-74	WASHER	3
6-22	2203048-03	PIN-REEL CYL 108.37 LG (USE ON CENTER UNIT)	1
6-23	64237-05	LOCKNUT NYL INS M8-1.25	20
6-24	2202209.2	STOP-REEL PIVOT	4
6-25	A1103051	BOLT-M8-1.25 X 25	17
6-26	158001-06	CHAIN 6.7 LG PLATED (USE ON CENTER UNIT ONLY)	1
6-27	158001	CHAIN-7.6 LONG, 8 LINK (USE ON RH & LH UNITS)	2
6-28	64163-55	WASHER	3
6-29	2202113.2	BRKT-HYD FTG	1
6-30	2208152	CYLINDER-REEL SHORT (USE ON CENTER UNIT ONLY) (USE SEAL KIT 198040-01)	1
6-31	2206176	S-LIFT ARM, CNTR FRNT (INCLUDES ITEMS 5, 10, & 55)	1
6-32	2202112.2	BRKT-HYD FTG	1
6-33	800488	LOCK WASHER M10	2
6-34	64251-004	WHSR-M10	2
6-35	62464-4A	THRUST WASHER	A/R
6-36	A1104057	BOLT-M10-1.50X25	8
6-37	2208231	CLAMP-TUBE	1
6-38	2206177	S-LIFT ARM,RIGHT FRONT (INCLUDES ITEMS 5 & 10)	1
6-39	A1003122	BOLT-M8-1.25X60	2
6-40	2202171.2	PLATE-LIFTSTOP	2
6-41	2203083	SLEEVE CYLINDER	3
6-42	64205-002	S BLT MTRC M8-1.25 X 50	3
6-43	2203047.2	RETAINER REEL	3
6-44	2202271.2	LIFTSTOP-LH	2
6-45	2202270.2	LIFTSTOP-RH	2
6-46	2208067	BUMPER-RUBBER	2
6-47	64251-003	WASHER	12
6-48	64188-02	CLEVIS PIN	2
6-49	64168-1	HAIRPIN COTTER	2
6-50	2202172.2	LIFT LEVER-FOOT	1
6-51	64163-75	WASHER-1.25X2.25X.110	3
6-52	2303098	SPACER-CYLINDER	1
6-53	64163-25	1-1/32X2X11GA WASHER	1
6-54	48048A	BEARING-SLEEVE	6
6-55	35027N	ZERK GREASE FITTING	2
6-56	2202173.2	PLATE-LIFTSTOP BCKNG	1
6-57	64205-036	BLT-METRIC M10-1.50X35	2
6-58	2202096.2	STOP-REEL PIVOT	2
6-59	2202253.2	BRKT-BULKHEAD, FRONT	1
6-60	64163-03	WSHR-.256ID X 18 GA.	3
6-61	2202321.2	BRKT-HOSE, FRONT LT	1
6-62	2208139	CLAMP-TUBE	2
6-63	2202322.2	BACKING-PLATE	1
6-64	2720769.2	STOP-DECK PIVOT	3
6-65	2202267.2	STOP-DECK PIVOT	2

(ITEMS 64 & 65 ARE OPTIONAL PARTS FROM THE NON-STEERING DECK KIT 970187)

FIGURE 7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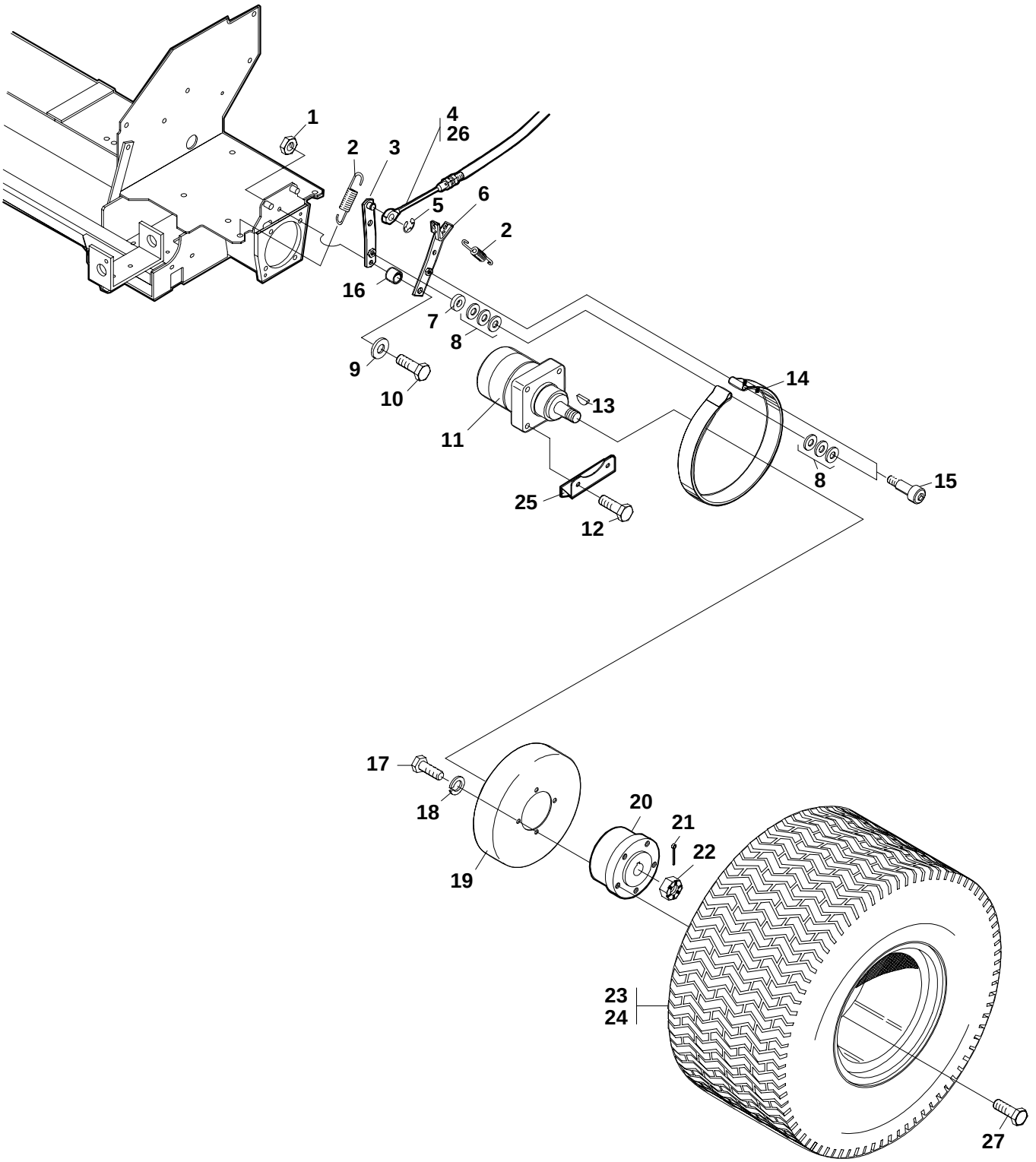
ITEM	PART NO.	DESCRIPTION	QTY
7-1	64251-005	WASHER-M12	4
7-2	64205-029	BOLT M12 X 1.75 X 40	2
7-3	2206142	WLDMT-FRAME REAR	1
7-4	64237-06	LOCKNUT-NYLON M12-1.75	4
7-5	2202146.2	PLATE	1
7-6	A1105061	BOLT M12-1.75 X 30	6
7-7	108003	BUSHING	8
7-8	*2206174	S-LIFT ARM, RIGHT REAR	1
		(INCLUDES ITEMS 7, 10, & 46)	
7-9	2206173	S-LIFT ARM, LEFT REAR	1
		(INCLUDES ITEMS 7, 10, & 46)	
7-10	85010N	ZERK GREASE FITTING	6
7-11	2206051.2	WLDMT-PIVOT PIN REAR	2
7-12	A1104057	BOLT M10-1.5 X 25	9
7-13	2202092.2	BRACE-REAR REEL	2
7-14	64205-015	BLT-METRIC M8-1.25X35	2
7-16	64237-03	LOCKNUT NYLON M10-1.5	12
7-17	2202285.2	BRKT-REAR ARM	1
7-18	64151-29	NUT-HEX 1-1/4-12 NYLOCK	2
7-19	62464-4A	THRUST WASHER	A/R
7-21	64163-16	41/64X1-3/8X12GA WASHER	2
7-22	158001-05	CHAIN 6.7 LG PLATED	2
7-23	23009A	SPACER,ENGINE MOUNT	2
7-24	64237-05	LOCKNUT NYL M8-1.25	6
7-25	2202209.2	STOP-REEL PIVOT	2
7-26	2206010	ASSY, PIVOT SHAFT	2
7-27	64163-19	WASHER	2
7-28	64006-05	LOCKWASHER	4
7-29	64163-74	WASHER	2
7-30	64205-011	HEX BOLT M10-1.5 X 40	2
7-31	2208084	GUARD 4WD HOSES	1
7-32	2206032	WLDMT-CYLINDER PIN	2
7-33	64139-20	WIZ BOLT M6-1 X 16	2
7-34	64144-13	SNAP RING	4
7-35	2203048-03	PIN-REEL CYLINDER	2
7-36	2208152	CYLINDER-REEL SHORT	2
		(USE SEAL KIT 198040-01)	
7-37	2203083	SLEEVE-CYLINDER	2
7-38	148034-05	GROMMET-INSULATION	2
7-39	*2206168.2	WLDMT-CHAIN ARM RH	2
7-40	2206169.2	WLDMT-CHAIN ARM LH	2
7-41	64205-002	S BLT MET M8-1.25 X 50	2
7-42	2203047.2	RETAINER-REEL	2
7-43	2206178	S-DECK PIVOT	2
		(INCLUDES ITEMS 10, 44 & 52)	
7-44	48048A	SLEEVE BEARING	4

ITEM	PART NO.	DESCRIPTION	QTY
7-46	35027N	ZERK GREASE FITTING	2
7-47	2206170.2	WLDMT-ROLLER ARM	2
7-48	2198153	ROLLER, 3	2
7-49	64144-01	SNAP RING 5/8	2
7-50	64061-09	ROLL PIN-3/8X2	2
7-51	64163-55	WSHR .328 X .75 X 14 GA	2
7-52	64163-03	WSHR-.256ID X .62OD	2
7-54	2202267.2	STOP-DECK PIVOT	2
7-55	2208139	CLAMP-TUBE	2
7-56	A1003122	BOLT-M8-1.25X60	2
7-57	A110406	SCREW-M10X1.5X30	1
7-58	64163-75	WASHER	1
7-59	108138-02	TUBE CLAMP	1
7-60	2203098	SPACER-CYLINDER	2
7-61	2720769.2	STOP-DECK PIVOT	2

* NOT ILLUSTRATED

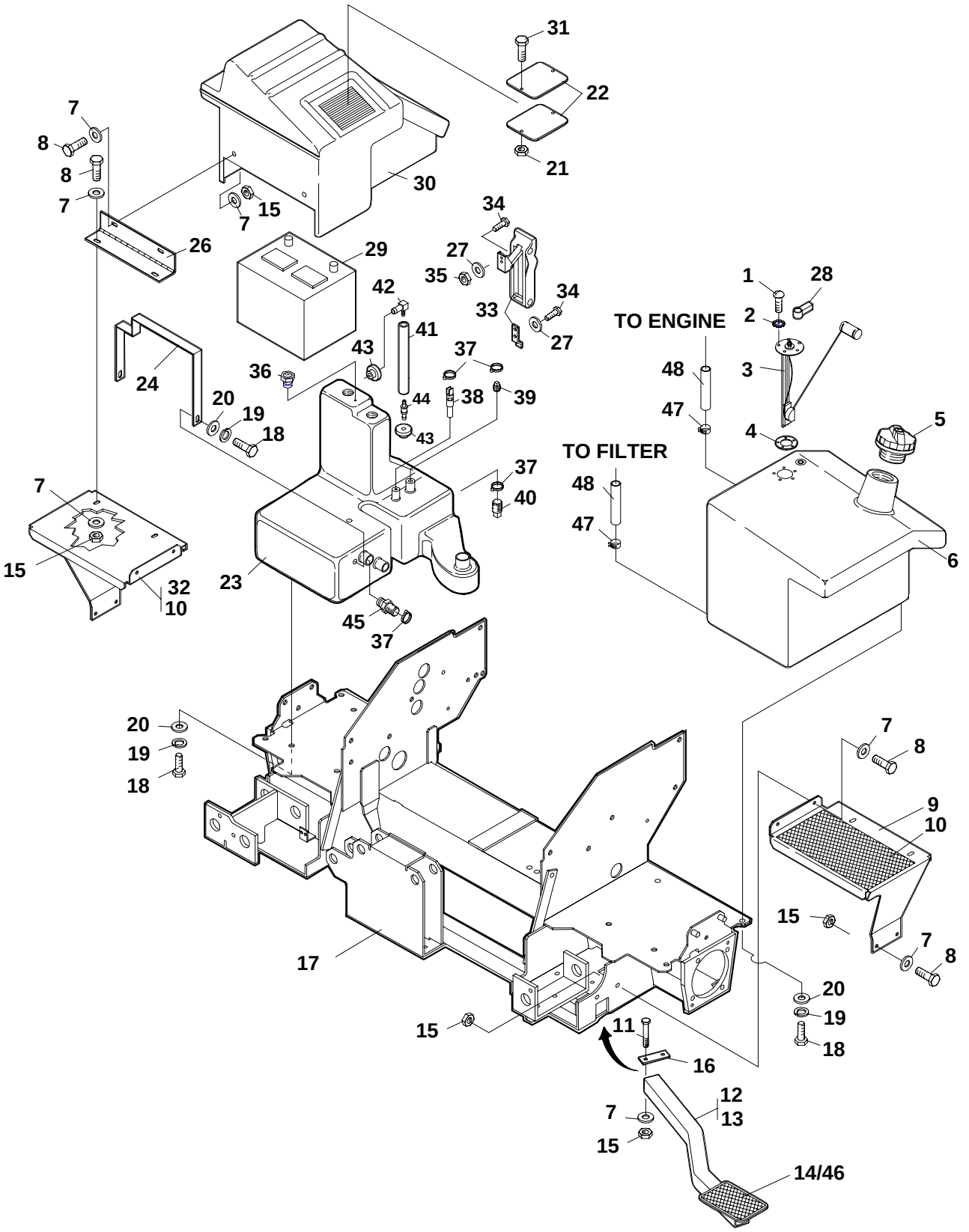
FIGURE 8



ITEM	PART NO.	DESCRIPTION	QTY
8-1	64237-03	LCKNUT-NYLON INS M10-1.5	2
8-2	48429	SPRING	4
8-3	2206031.2	WLDMT-BRAKE ARM	2
8-4	128025-03	CABLE, BRAKE	1
	(USE FOR LEFT HAND BRAKE)		
8-5	64144-30	SNAP RING .375	2
8-6	2206033.2	WLDMT-BRAKE ARM	2
8-7	64163-02	WASHER	2
8-8	64163-04	WASHER	12
8-9	64251-004	WASHER	2
8-10	A110406	SCREW M10 X 30 HH	2
8-11	2720842-06	MTR-WHL ME290219AABT	2
	(USE SEAL KIT 148138)		
8-12	64205-028	BOLT-M12-1.75 X 50	8
8-13	64164-08	#1008 WOODRUFF KEY	2
8-14	178013	BRAKE BAND	2
8-15	64166-7	SHOULDER BOLT	4
8-16	2203046	SPACER	2
8-17	64123-15	BLT HEX 3/8-16 X 3/4	8
8-18	64006-03	LOCKWASHER	8
8-19	172060	BRAKE DRUM	2
8-20	2720826	HUB	2
8-21	64140-5	COTTER PIN	2
8-22	64025-36	NUT-1-1/8-18 SLOTTED TRW	2
8-23	2208065-02	S TIRE 26.5 X 14	A/R
8-24	2208291	S RIM W/VLV STM & CAP	A/R
8-25	2202247.2	STOP-BRAKE BAND	2
8-26	128025-04	CABLE-BRAKE	1
	(USE FOR RIGHT HAND BRAKE)		
8-27	64220-01	BLT-WHL 12-20X75 6OD	10

ITEM	PART NO.	DESCRIPTION	QTY

FIGURE 9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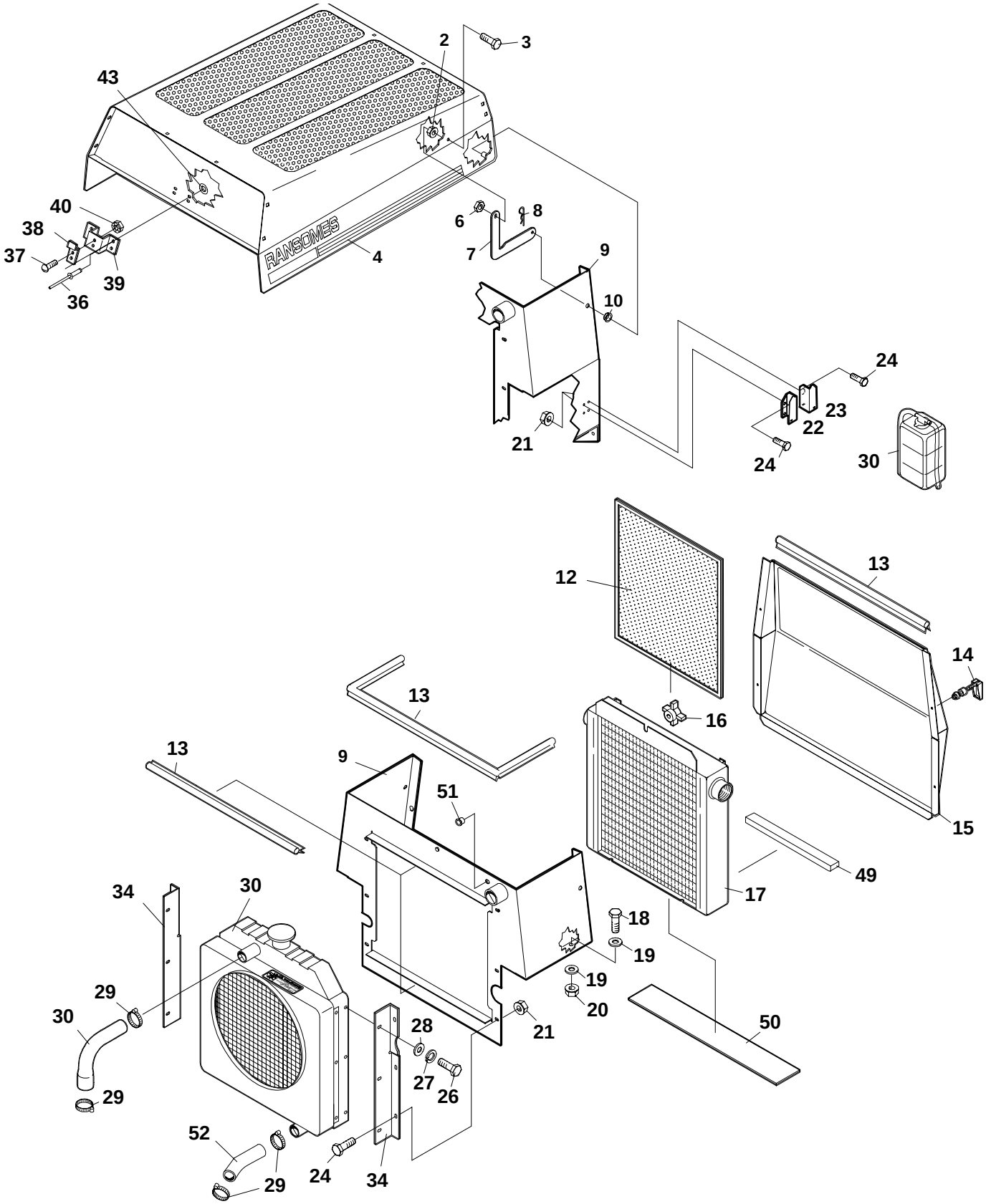
ITEM	PART NO.	DESCRIPTION	QTY
9-1	64152-05	10-32 X 1/2 MACH SCREW	5
9-2	64002-02	LOCKWASHER	5
9-3	2208073	SENDER-FUEL LEVEL	1
9-4	148081	GASKET	1
9-5	178105	CAP-LOCKING	1
	(USE S KEY 178105-01)		
9-6	2208027	TANK-FUEL LT FWAY	1
9-7	64251-003	WASHER M8	20
9-8	64205-001	BLT METRIC M8-1.25 X 50	12
9-9	2206063	S STEP W/MAT LH	1
9-10	2208054	MAT-STEP	2
9-11	A1003122	BOLT M8-1.25 X 60	4
9-12	2206118	S-STEP W/MAT LH LOWER	1
9-13	2206119	S-STEP W/MAT RH LOWER	1
	(USE ON RH SIDE)		
9-14	2208121	MAT-STEP LH	1
9-15	64237-05	LOCKNT NYLN INS M8-1.25	16
9-16	2202138.2	PLATE-STEP CLAMP	2
9-17	2206076	S-FRONT FRAME W/LABS	1
9-18	64205-007	HEX BOLT M10-1.50 X 55	10
9-19	800488	LOCKWASHER M10	10
9-20	64251-004	WASHER M10	10
9-21	64246-01	WIZ NUT M6-1	2
9-22	2202166.2	PLATE-RESERVOIR COVER	2
9-23	2208031	RESERVOIR-HYDRAULIC	1
9-24	2202103.2	HOLDDOWN-BATTERY	1
9-26	2208035	HINGE-RESERVOIR	1
9-27	64251-001	WASHER	4
9-28	2198091	BOOT, FUEL SENDER	1
9-29	148074	BATTERY-BCI 26	1
9-30	2208034	COVER-HYD RESERVOIR	1
9-31	64139-20	WIZ BOLT M6-1.0 X 16	2
9-32	2206064	S-STEP W/MAT	1
9-33	178142	LATCH-RUBBER	1
9-34	64152-50	SCREW M5-.08 X 16 TORX	4
9-35	64237-01	LOCKNUT NYLON M5-0.8	4
9-36	148027	BREATHER VENT	1
9-37	158065-03	CLAMP	4
9-38	2208083	SWITCH-TEMPERATURE	1
9-39	69051-01	PIPE PLUG	1
9-40	108029	PLUG, MAGNETIC	1
9-41	158122-02	TUBING-SIGHT CLASS 8"	1
9-42	148231	S-ELBOW-90 3/16 FITTING	1
9-43	48310	S-BUSHING	2
9-44	2208031-01	FTG-3/16 BARB STRAIGHT	1
9-45	158065-03	FTG-13/16-16/1/2-14	1
9-46	2208122	MAT-STEP RH	1
	(USE ON RH SIDE)		
9-47	88042-02	CLAMP-HOSE 5/16	2
9-48	148263-05	HOSE-FUEL 5/16 46.0 "	2

ITEM	PART NO.	DESCRIPTION	QTY

FIGURE 10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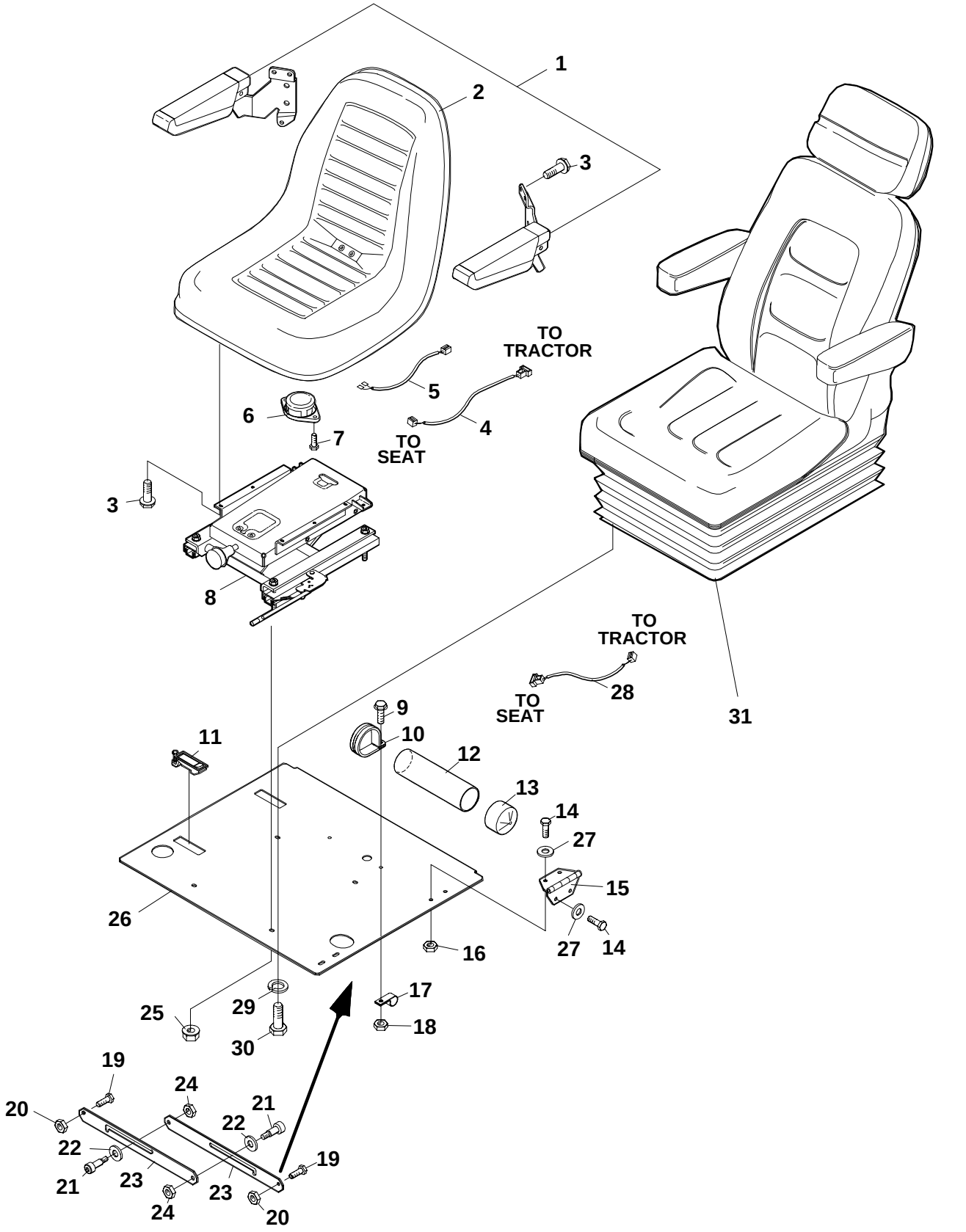
ITEM	PART NO.	DESCRIPTION	QTY
10-2	64141-2	NUT-WLF 1/4-20	2
10-3	64123-114	BLT-HEX 1/4-20 X 1	2
10-4	2206181	S-AR250 HOOD ASSY W/LA	1
10-6	64229-01	LOCKNUT NYLON 1/4-20	2
10-7	2192571	STOP-HOOD PIVOT	2
10-8	64168-2	HAIRPIN COTTER	2
10-9	2206053	RADIATOR PANEL	1
10-10	118047-06	BUSHING FLIP-LOK .312 ID	2
10-12	887888	SCREEN	1
10-13	108194-13	CHANNEL FLEX TRIM 41"	4
10-14	2198084	LATCH-SWELL	4
10-15	2206196	REAR PANEL	1
10-16	38524	KNOB	1
10-17	2208026	OIL COOLER	1
10-18	64205-001	BLT METRIC M8-1.25 X 20	4
10-19	64251-003	WASHER	8
10-20	64237-05	LCKNUT NYLN INS M8-1.25	4
10-21	64246-01	WIZ NUT M6-1	10
10-22	142350-02	BRKT-RECOVERY TANK RH	1
10-23	142350-01	BRKT-RECVRY TANK LH	1
10-24	64139-20	WIZ BOLT M6-1.0 X 16	10
10-26	64205-013	BLT-METRIC M6-1 X 12	6
10-27	64006-01	LOCKWASHER	6
10-28	64251-002	WASHER	6
10-29	108094-01	CLAMP	4
10-30	2208082	RADIATOR	1
		(SERVICE W/ KUBOTA 16296-72061)	A/R
10-34	2202144	MNT-RADIATOR	2
10-36	64215-05	RIVET, POP IFI #64	4
10-37	64152-20	8-32 X 1/2 MACH SCREW	2
10-38	2198112	LATCH-HOOD, FRONT	1
10-39	2192248	BRKT-LATCH POST	1
10-40	64025-29	NUT-HEX #8-32 KEPS	2
10-43	64211-02	WASHER	4
10-49	38471-09	S FOAM X 120"	1
10-50	2208080	PAD, RUBBER	1
10-51	118047-02	BUSHING	1
10-52	2720739	HOSE	1

ITEM	PART NO.	DESCRIPTION	QTY

FIGURE 11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ITEM	PART NO.	DESCRIPTION	QTY
		970080 INCLUDES ITEMS 1-8	
11-1	2196054	S KIT-ARM REST	1
11-2	198057	SEAT	1
	198057-01	CUSHN, EDGING HWARE	A/R
11-3	64139-16	BLT-WLF 5/16 X 5/8	4
11-4	2208115	WIRE-MILSCO SEAT JMPR	1
11-5	158136	WIRE-SEAT SWITCH	1
11-6	158135-01	SWITCH-SEAT NO	1
11-7	64139-02	BLT WLF 1/4-20 X 1/2	2
11-8	198058	SUSPENSION W/ADJUST	1
11-9	64139-20	WIZ BOLT M6-1.0 X 16	2
11-10	38542	CLAMP-DOCUMENT TUBE	2
11-11	2208075	LATCH-ADJUSTABLE LEVER	2
11-12	2206184	S DOCU TUBE W/LAB	1
11-13	38061A	SPINDLE SHIELD	2
11-14	64205-001	BLT-METRIC M8-1.25 X 20	8
11-15	2208058.2	HINGE SEAT PLATE	2
11-16	64237-05	LOCKNUT NYLON M8-1.25	8
11-17	48228-2A	CABLE CLIP	1
11-18	64246-01	WIZ NUT M6-1.0	2
11-19	64205-007	HEX BOLT M10-1.50 X 20	2
11-20	64237-03	LOCKNUT NYLON M10-1.5	2
11-21	64166-03	SHOULDER BOLT	2
11-22	64163-31	WASHER	2
11-23	2202118.2	SUPPORT-SEAT	2
11-24	64229-02	LOCKNUT NYLON 5/16-18	2
11-25	64141-6	NUT WLF 5/16-18	4
11-26	2206182	S SEAT PLATE W/LABS	1
11-27	64251-003	WHSR-M8	8

ITEM	PART NO.	DESCRIPTION	QTY
		970081 INCLUDES ITEMS 28-31	
11-28	2208116	WIRE-GRMMR SEAT JMPR	1
11-29	64006-02	LCKWSHR-HELICAL 5/16	4
11-30	A1103051	SCREW-M8X25MM	4
11-31	A819940	SEAT, GRAMMER (GREY)	1

(SERVICE SUSPENSION W/148394, 148395, 148396, 148397)

B, C, I, L — 148394 LOWER SEAT WELDMENT (INCLUDES ITEMS B,C,I, & L)

B, C, D, J, R — 148395 UPPER SEAT WELDMENT (INCLUDES ITEMS B,C,D,J & R)

A THRU K — 148396 DELUX SEAT/SPRING SHAFT (INCLUDES ITEMS A THRU K)

M THRU P — 148397 SEAT ADJUSTOR (INCLUDES ITEMS M THRU P)

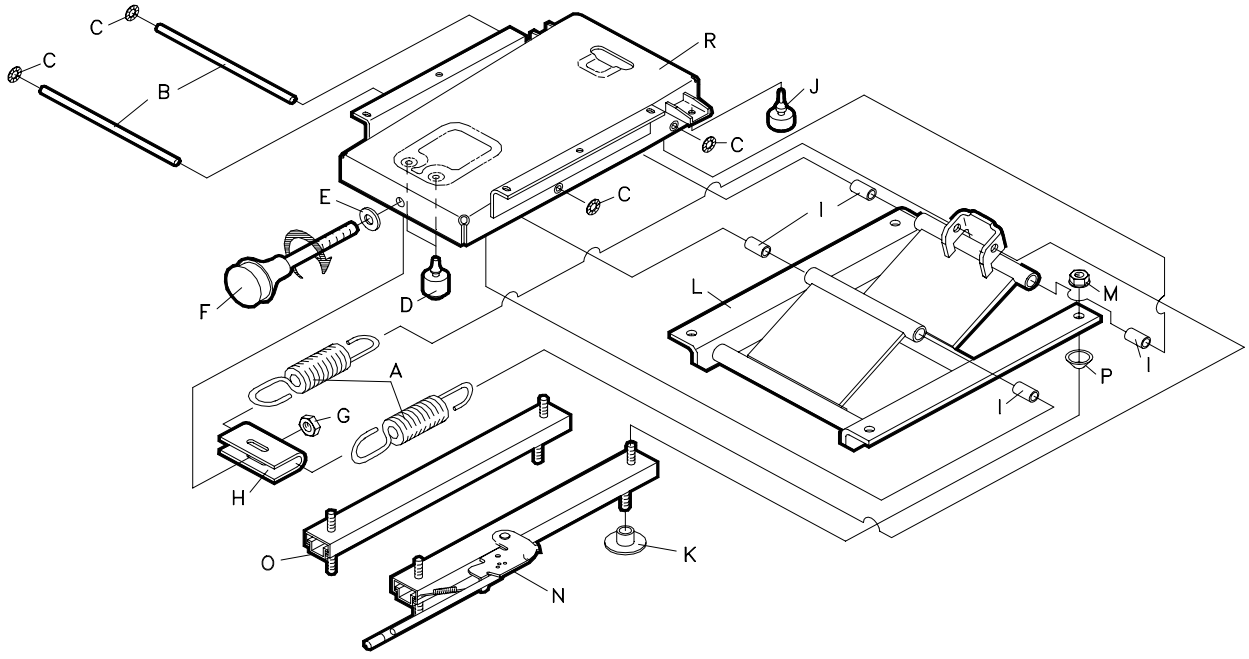
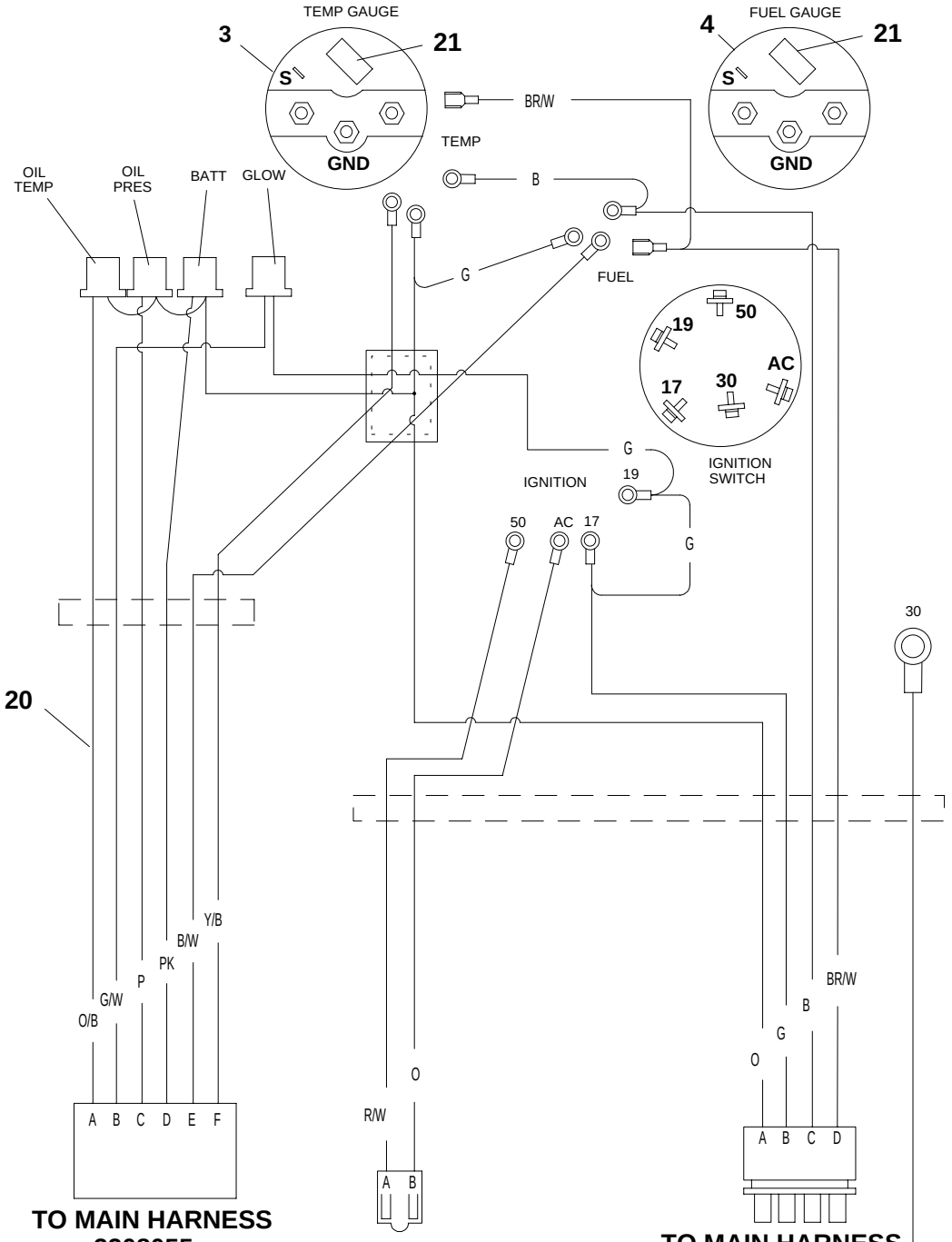


FIGURE 12



WIRE COLORS			
O	ORANGE	R/W	RED AND WHITE
B	BLACK	B/W	BLACK AND WHITE
R	RED	BL/W	BLUE AND WHITE
G	GREEN	BL/Y	BLUE AND YELLOW
P	PURPLE	G/W	GREEN AND WHITE
PK	PINK	BR/W	BROWN AND WHITE
GY	GRAY	LB/W	LIGHT BLUE AND WHITE
BR	BROWN	GR/W	GREEN AND WHITE
DB	DARK BLUE	Y/B	YELLOW AND BLACK
LB	LIGHT BLUE	Y/BR	YELLOW AND BROWN
W/R	WHITE AND RED	Y/R	YELLOW AND RED
W/B	WHITE AND BLACK	O/B	ORANGE AND BLACK
W/BL	WHITE AND BLUE	G/Y	GREEN AND YELLOW
GY/R	GRAY AND RED	R/B	RED AND BLACK
GY/B	GRAY AND BLACK	R/Y	RED AND YELLOW
GY/BL	GRAY AND BLUE		

ITEM	PART NO.	DESCRIPTION	QTY
12-1	2212163.2	PANEL-INSTRUMENT	1
12-2	2000755	DECAL-INSTRUMENT PANEL	1
12-3	178092-03	WATER TEMP GA #06347	1
12-4	178092-04	FUEL GAUGE #06339-01	1
12-5	2208066-01	CUTTER SWITCH	1
12-6	178092-21	RD MOWER DECK LENS	1
12-7	178092-13	SINGLE SWITCH BLANK	5
12-8	178092-17	5/8" HOLE PLUG	1
12-9	178092-18	1.0" HOLE PLUG	1
12-10	*	KUBOTA KEY SWITCH	1
12-11	*	KUBOTA KEYS	1
12-12	178092-11	S TRANSPRT RCKR SWTCH	1
12-13	178092-15	S GREEN RABBIT LENS	1
12-14	178092-22	S LIGHT FOR ROCKER	A/R
	(QUANTITY OF 5 FOR 2WD)		
	(QUANTITY OF 6 FOR 4WD)		
12-15	2218008	LENS-HYDRAULIC OIL	1
12-16	2198088	LENS-BATTERY	1
12-17	188015	LENS-OIL PRESSURE	1
12-18	008295650	LENS-GLOW PLUG	1
12-19	2198089	LAMP HOLDER- DUAL	2
12-20	2208288	HARNESS-INSTRMNT PNL	1
12-21	178092-05	S LIGHT SOCKET W/LAMP	2

ITEM	PART NO.	DESCRIPTION	QTY

* SEE KUBOTA DEALER FOR REPLACEMENT.

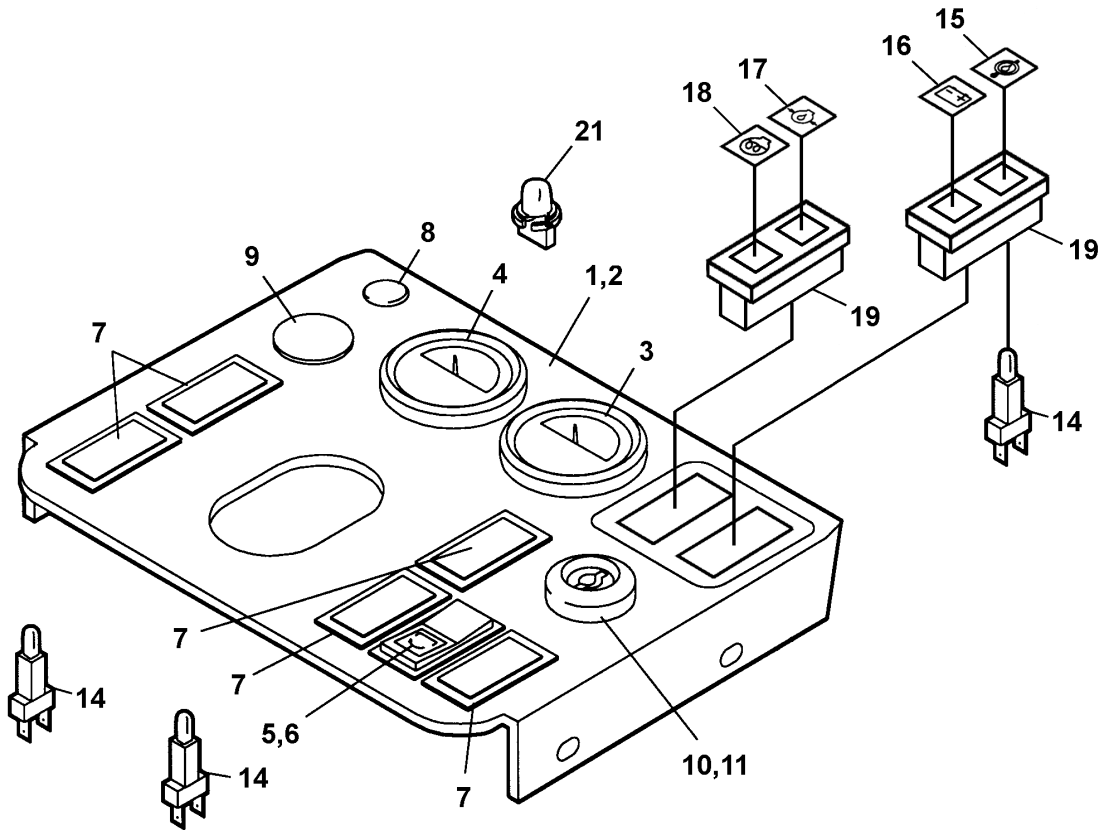
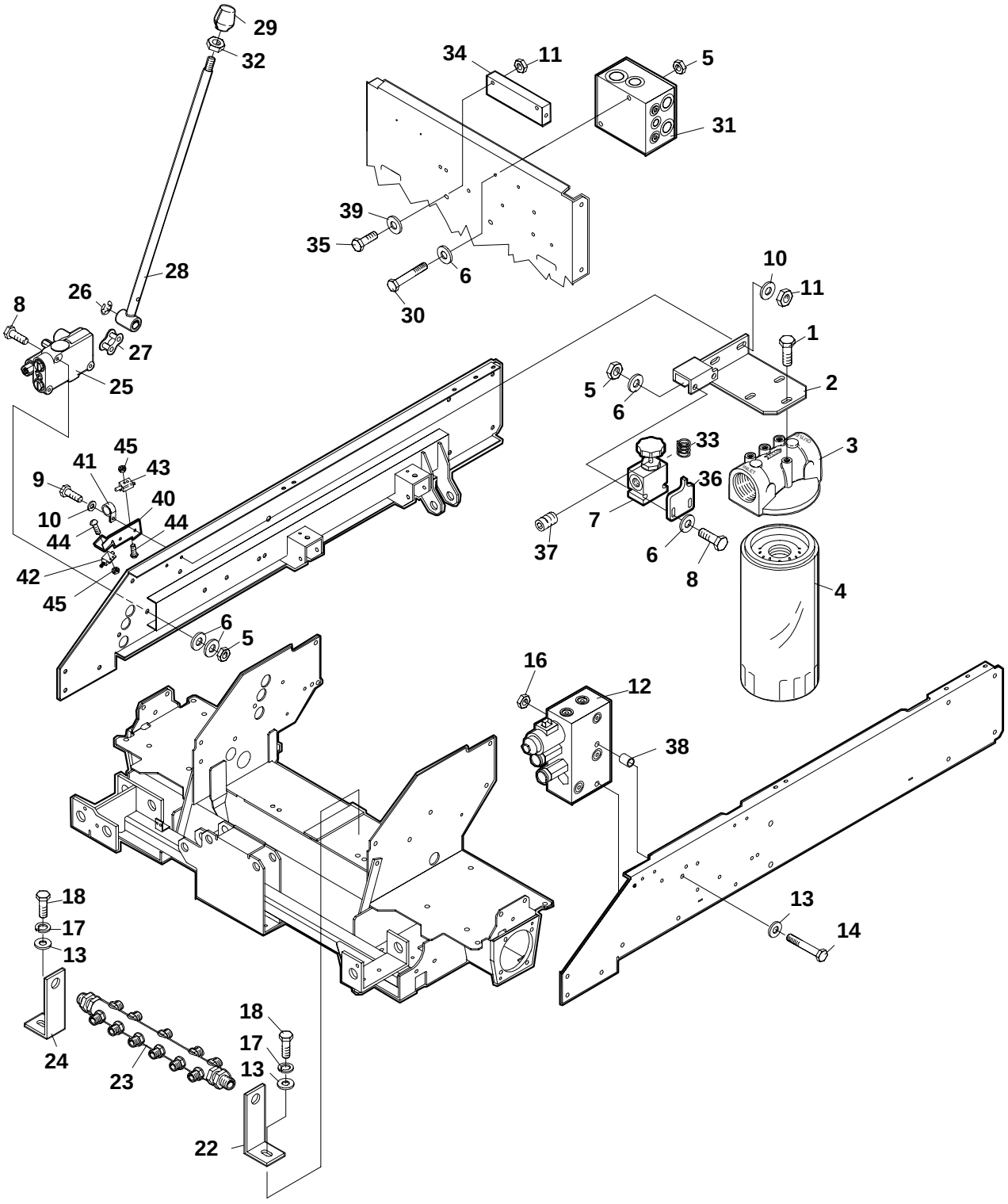


FIGURE 13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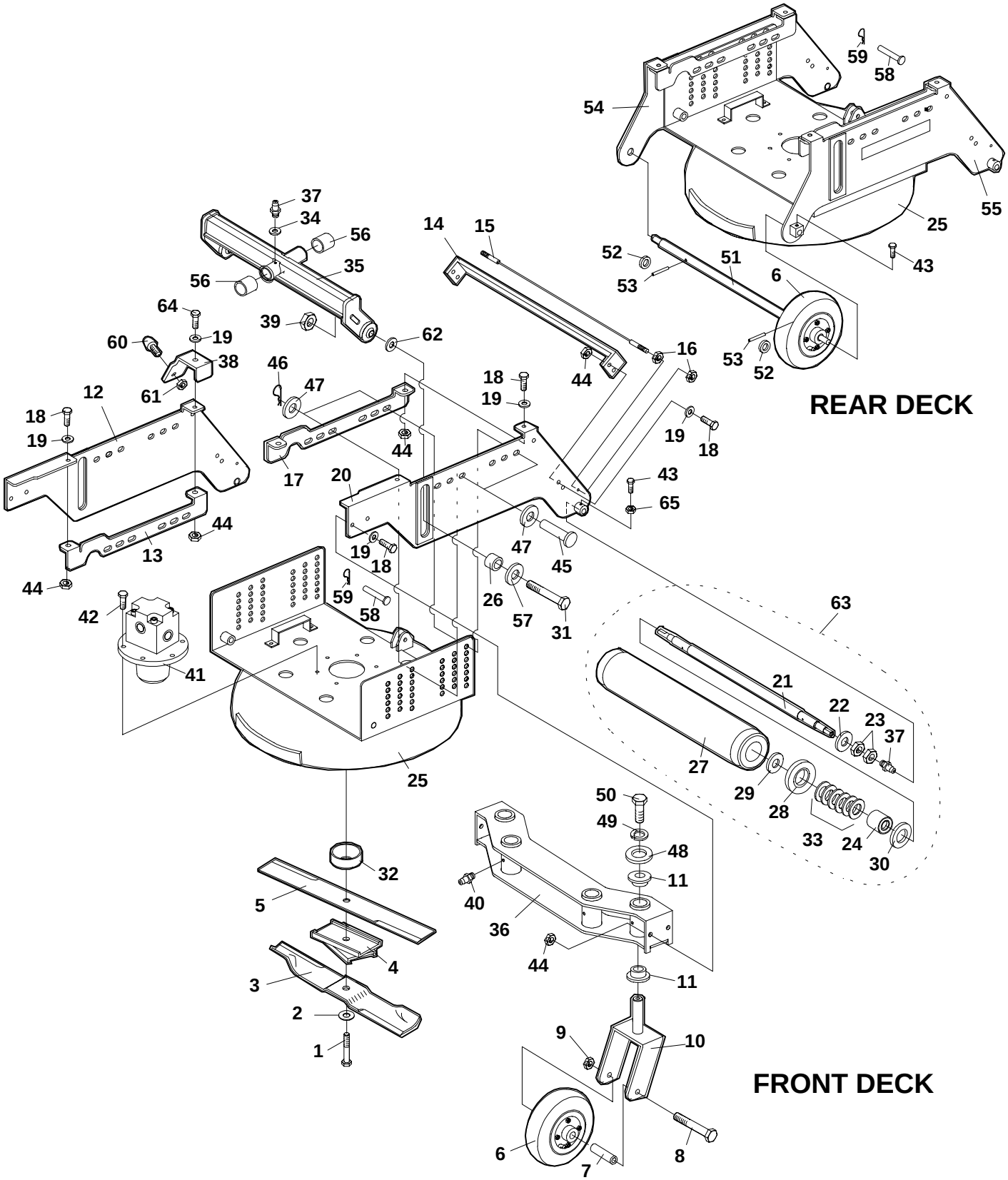
ITEM	PART NO.	DESCRIPTION	QTY
13-1	64139-08	BLT-WLF 5/16-18 X 3/4	3
13-2	2202091.2	BRKT-FILTER	1
13-3	2208038	FILTER HEAD-SPIN ON	1
13-4	178025	FILTER-SPIN ON	1
13-5	64237-02	LOCKNUT NYLON M6-1.0	6
13-6	64251-002	WASHER-M6	10
13-7	2208046	VALVE BLCK-BACK PRESS	1
13-8	64205-023	HEX BOLT M6-1.0 X 50	4
13-9	64205-001	BLT METRIC M8-1.25 X 20	2
13-10	64251-003	WASHER-M8	4
13-11	64237-05	LOCKNUT NYLON M8-1.25	4
13-12	2198235	VALVE-DECK	1
13-13	64251-004	WASHER-M10	4
13-14	450043	BOLT-M10 X 120, HEX HD	2
13-16	64237-03	LOCKNUT-NYL M10-1.5	2
13-17	800488	LOCKWASHER	2
13-18	A1104057	BOLT M10-1.5 X 25	2
13-22	2202114.2	BRKT-RETURN VALVE LH	1
13-23	2208028.2	MANIFOLD-RETURN	1
13-24	2202115.2	BRKT-RETURN VALVE RH	1
13-25	2208144	LIFT VALVE	1
		(USE SEAL KIT 148023-01)	
		(USE DETENT KIT 148023-02)	
		(USE PILOT CHECK KIT 148023-03)	
13-26	64144-30	SNAP RING 3/8	1
13-27	148062	MASTER LINK #50 CHAIN	1
13-28	2206026.2	WLDMT-LIFT HANDLE	1
13-29	68156A	HANDLE KNOB, BLACK	1
13-30	64205-050	BLT-METRIC 6-1.00 X 100	2
13-31	2208191	VALVE-4WD AR 250	1
13-32	64001-6	NUT-HEX JAM,3/8-16	1
13-33	2208085	SPRING-SS COMPRESSION	1
13-34	2208051	MANIFOLD-LIFT	1
13-35	A1003083	BOLT M8-1.25 X 40	2
13-36	2202211.2	STOP-BACK PRESSURE	1
13-37	64044-17	SCREW-SET	1
13-38	2203095.2	SPACER	1
13-39	64251-003	WASHER-M8	2
13-40	2202308.2	BRKT-SWITCH MNTG	1
13-41	48228-2A	CABLE CLIP 3/4 W/INSTN	1
13-42	38382	SWITCH-N.O.	1
13-43	38383	SWITCH-N.C.	1
13-44	64152-06	10-24X1/2 MACH SCREW	4
13-45	64025-15	NUT-HEX #10-24 KEPS	4

ITEM	PART NO.	DESCRIPTION	QTY

FIGURE 14



ITEM	PART NO.	DESCRIPTION	QTY
14-1	64123-211	BLT-HEX 5/8-18 X 1-3/4	1
14-2	64209-03	SPRING WASHER	1
14-3	112243-05	BLADE 22.00 OFFST LLFT	1
14-4	2198192	SADDLE-BLADE	1
14-5	2192502-03	BLADE-CUTTER AR250	1
14-6	2208159	ASM-WHEEL 8X300-4	2
	(USE 2208159-01	TIRE-8X300-4 A/R)	
	(USE 2208159-02	RIM A/R)	
	(USE 2188123-03	BEARING A/R)	
14-7	2203097	SPACER-YOKE	2
14-8	64123-166	BLT-HEX 1/2-13X5-1/2	2
14-9	64229-05	1/2-13 NYLON LOCK NUT	2
14-10	2206164	WLDMT-YOKE, AR DECK	2
14-11	48053-07	BEARING-FLANGED BRNZE	8
14-12	2206161	WLDMT-SIDE PLATE, FRT LH	1
14-13	2202242	BRKT-SIDE PLATE RH	1
14-14	2202235	CROSSBAR	1
14-15	2208018-01	CABLE-SCRAPER 656 LG	1
14-16	64207-06	NUT-HEX M6-1	4
14-17	2202241	BRKT-SIDE PLATE LH	1
14-18	A110406	SCREW,M10X1.5X30 HH	11
14-19	64251-004	WHSR-M10	12
14-20	2206162	WLDMT-SIDE PLATE,FRT RH	1
14-21	2203012	SPINDLE 22 IN	1
14-22	2202010	SHIELD-ROLLER	2
14-23	64244-02	HEX JAM NUT M16-2.0	4
14-24	2203022	SLEEVE-ROLLER	1
14-25	2206206	S-ROTARY DECK	1
14-26	2203087	SPACER-DECK	2
14-27	2206165	ASM-SMOOTH ROLLER, 4 IN	1
14-28	2208006	BRG-19MM ID X 45.237 OD	2
14-29	2208011-02	SEAL-OIL 1.375 X .750	2
14-30	2208011-03	SEAL-OIL 2.000 X 1.250	2
14-31	64123-206	BLT-HEX 5/8-11X4-1/2	2
14-32	142108	CAP-SPINDLE	1
14-33	64209-06	WSHR-CON SPRG 20.4MMID	12

ITEM	PART NO.	DESCRIPTION	QTY
14-34	64163-03	WSHR-.256ID X .62OD	1
14-35	2206178	S-DECK PIVOT	1
	(INCLUDES ITEMS 34, 37 & 56)		
14-36	2206202	S-YOKE PIVOT	1
	(INCLUDES ITEMS 11 & 40)		
14-37	A299301	ZERK-STRAIGHT M6-1.0	3
14-38	2202307	BRACKET-BUMPER MNTG	1
14-39	64229-06	LOCK NUT-NYLON 5/8-11	2
14-40	85010N	ZERK, 1/4-28 STR SLF TH	4
14-41	2208229	MOTOR-HYDRAULIC DECK	1
	(USE 2208157-01	SEAL KIT A/R)	
	(USE 2208157-02	RELIEF VALVE A/R)	
14-42	64197-005	BLT-TDFM 3/8-16X1-1/4	6
14-43	64205-018	BLT METRIC M8-1.25X15	4
14-44	64237-03	LOCKNUT-NYLON M10-1.5	12
14-45	64188-04	PIN, CLEVIS 1/2X2-5/8	4
14-46	64168-1	HAIRPIN COTTER	4
14-47	64163-19	33/64X1-1/4X12GA WASHR	8
14-48	64163-53	WASHER .391X1.50X9GA	2
14-49	800488	LOCK WASHER M10	2
14-50	64205-007	BLT METRIC M10-1.50X20	2
14-51	2203086	SHAFT-WHEEL	1
14-52	64163-71	WSHR-.762X1-1/4X.250	2
14-53	64176-03	PIN, SPIRAL ROLL	2
14-54	2206146	WLDMT-SIDE PLATE RH	1
14-55	2206145	WLDMT-SIDE PLATE LH	1
14-56	48048A	SLEEVE BEARING	2
14-57	64163-76	WSHR-1-3/4 X 13/16 X 9/64	2
14-58	64188-14	S PIN, CLEVIS 3/8X1.56	1
14-59	64168-2	HAIRPIN COTTER	1
14-60	523126	BUMPER-RUBBER	1
14-61	64229-02	LOCK NUT-NYLON 5/16-18	1
14-62	62464-1A	WASHER,THRUST 5/8X1.12	A/R
14-63	2206195	S-SMOOTH ROLLER 22"	1
14-64	64205-036	BLT-METRIC M10-1.50X35	1
14-65	64207-01	NUT-HEX,M8-1.25	4

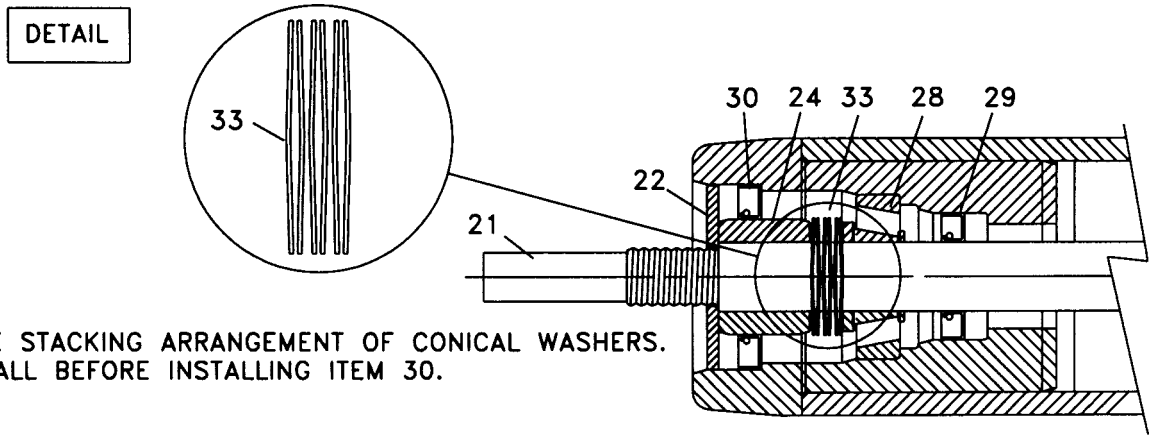
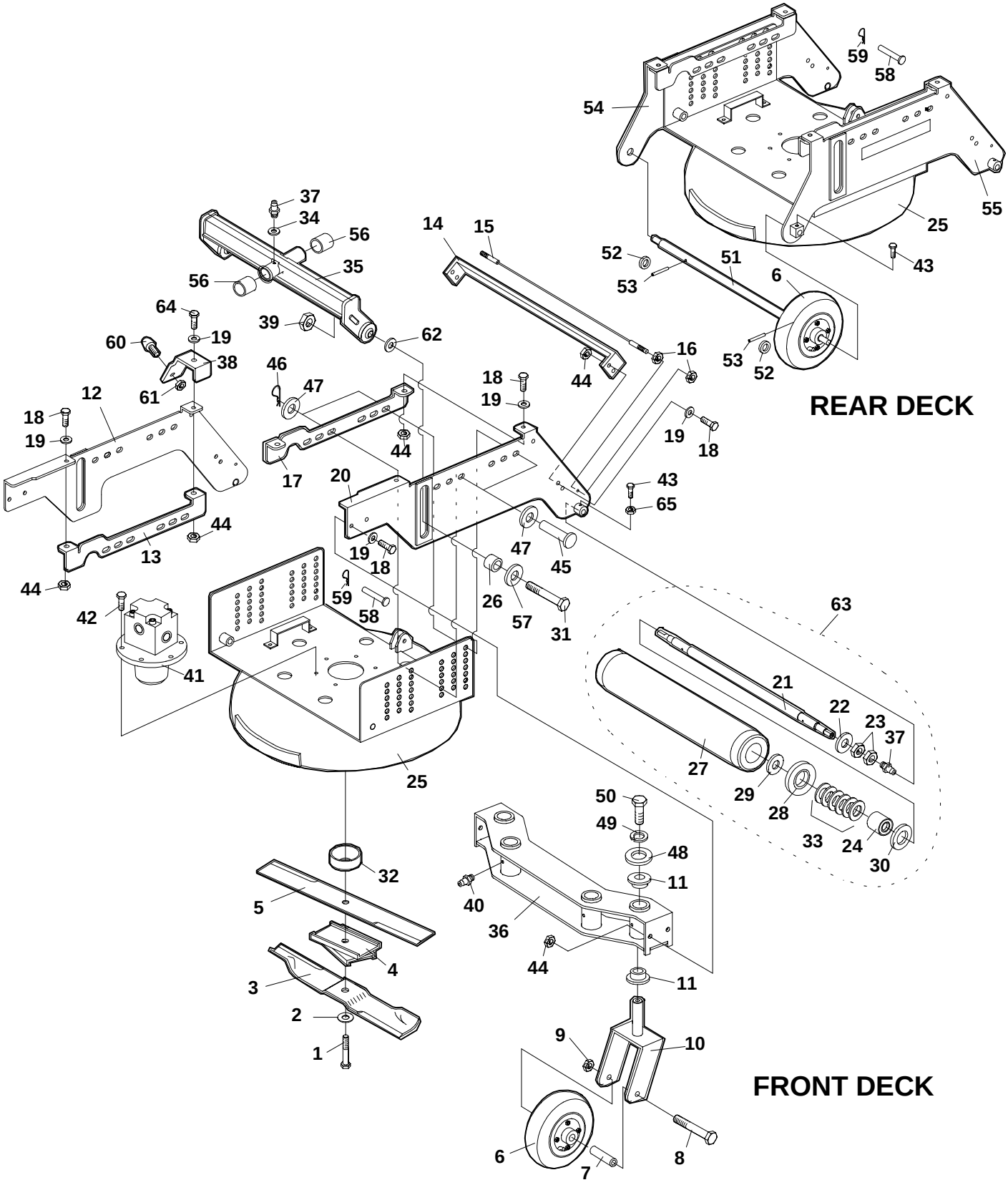


FIGURE 15



ITEM	PART NO.	DESCRIPTION	QTY
15-1	64123-211	BLT-HEX 5/8-18 X 1-3/4	1
15-2	64209-03	SPRING WASHER	1
15-3	112243-05	BLADE 22.00 OFFST LLFT	1
15-4	2198192	SADDLE-BLADE	1
15-5	2192502-03	BLADE-CUTTER AR250	1
15-6	2208159	ASM-WHEEL 8X300-4	2
	(USE 2208159-01	TIRE-8X300-4 A/R)	
	(USE 2208159-02	RIM A/R)	
	(USE 2188123-03	BEARING A/R)	
15-7	2203097	SPACER-YOKE	2
15-8	64123-166	BLT-HEX 1/2-13X5-1/2	2
15-9	64229-05	1/2-13 NYLON LOCK NUT	2
15-10	2206164	WLDMT-YOKE, AR DECK	2
15-11	48053-07	BEARING-FLANGED BRNZE	8
15-12	2206199.2	WLDMT-SIDE PLATE,FRT RH	1
15-13	2202242	BRKT-SIDE PLATE RH	1
15-14	2202235	CROSSBAR	1
15-15	2208018-01	CABLE-SCRAPER 656 LG	1
15-16	64207-06	NUT-HEX M6-1	4
15-17	2202241	BRKT-SIDE PLATE LH	1
15-18	A110406	SCREW,M10X1.5X30 HH	11
15-19	64251-004	WHSR-M10	12
15-20	2206200.2	WLDMT-SIDE PLATE,FRT LH	1
15-21	2203012	SPINDLE 22 IN	1
15-22	2202010	SHIELD-ROLLER	2
15-23	64244-02	HEX JAM NUT M16-2.0	4
15-24	2203022	SLEEVE-ROLLER	1
15-25	2206206	S-ROTARY DECK	1
15-26	2203087	SPACER-DECK	2
15-27	2206165	ASM-SMOOTH ROLLER, 4 IN	1
15-28	2208006	BRG-19MM ID X 45.237 OD	2
15-29	2208011-02	SEAL-OIL 1.375 X .750	2
15-30	2208011-03	SEAL-OIL 2.000 X 1.250	2
15-31	64123-206	BLT-HEX 5/8-11X4-1/2	2
15-32	142108	CAP-SPINDLE	1
15-33	64209-06	WSHR-CON SPRG 20.4MMID	12
15-34	64163-03	WSHR-.256ID X .62OD	1
15-35	2206178	S-DECK PIVOT	1
	(INCLUDES ITEMS 34, 37 & 56)		
15-36	2206202	S-YOKE PIVOT	1
	(INCLUDES ITEMS 11 & 40)		
15-37	A299301	ZERK-STRAIGHT M6-1.0	3
15-38	2202307	BRACKET-BUMPER MNTG	1
15-39	64229-06	LOCK NUT-NYLON 5/8-11	2
15-40	85010N	ZERK, 1/4-28 STR SLF TH	4
15-41	2208229	MOTOR-HYDRAULIC DECK	1
	(USE 2208157-01	SEAL KIT A/R)	
	(USE 2208157-02	RELIEF VALVE A/R)	
15-42	64197-005	BLT-TDFM 3/8-16X1-1/4	6
15-43	64205-001	BLT METRIC M8-1.25 X 20	4
15-44	64237-03	LOCKNUT-NYLON M10-1.5	12
15-45	64188-04	PIN, CLEVIS 1/2X2-5/8	4
15-46	64168-1	HAIRPIN COTTER	4
15-47	64163-19	33/64X1-1/4X12GA WASHR	8
15-48	64163-53	WASHER .391X1.50X9GA	2
15-49	800488	LOCK WASHER M10	2
15-50	64205-007	BLT METRIC M10-1.50X20	2
15-51	2203086	SHAFT-WHEEL	1
15-52	64163-71	WSHR-.762X1-1/4X.250	2
15-53	64176-03	PIN, SPIRAL ROLL	2
15-54	2206198.2	WLDMT-SIDE PLATE RH	1
15-55	2206218.2	WLDMT-SIDE PLATE LH	1
15-56	48048A	SLEEVE BEARING	2
15-57	64163-76	WSHR-1-3/4 X 13/16 X 9/64	2
15-58	64188-14	S PIN, CLEVIS 3/8X1.56	1
15-59	64168-2	HAIRPIN COTTER	1
15-60	523126	BUMPER-RUBBER	1
15-61	64229-02	LOCK NUT-NYLON 5/16-18	1
15-62	62464-1A	WASHER,THRUST 5/8X1.12	A/R
15-63	2206195	S-SMOOTH ROLLER 22"	1
15-64	64205-036	BLT-METRIC M10-1.50X35	1
15-65	64207-01	NUT-HEX,M8-1.25	4

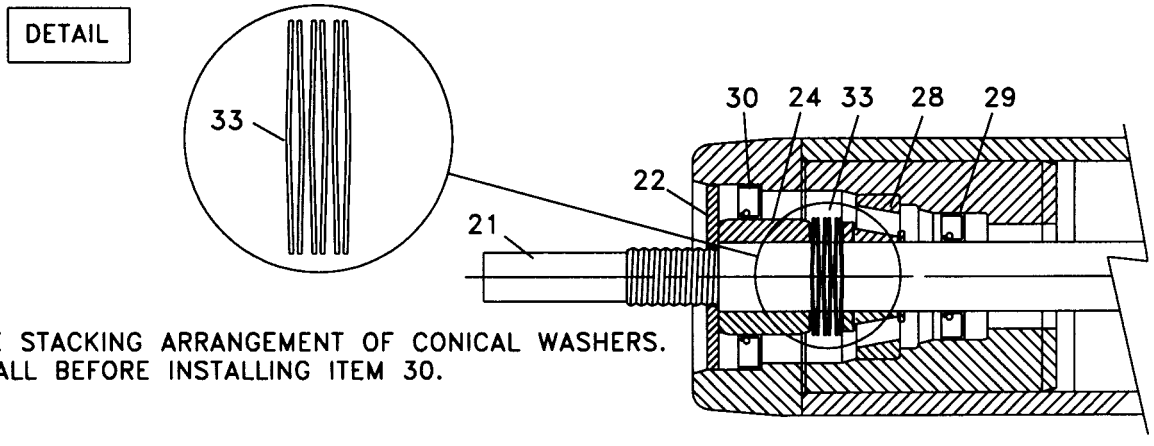
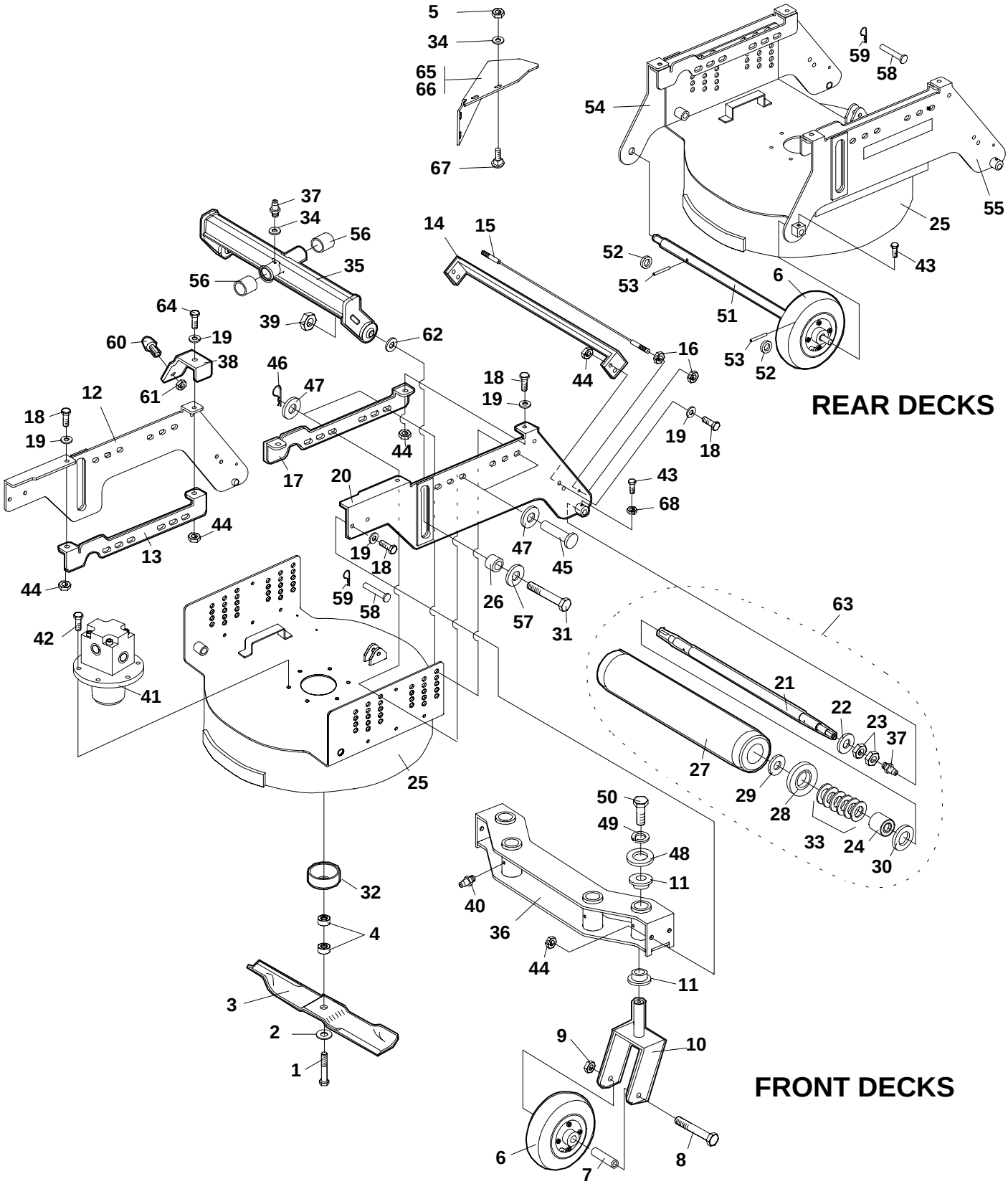


FIGURE 16



ITEM	PART NO.	DESCRIPTION	QTY
16-1	64123-211	BLT-HEX 5/8-18 X 1-3/4	1
16-2	64209-03	SPRING WASHER	1
16-3	112111-05	BLADE 22.00 OFFST HLFT	1
16-4	64163-12	.635/.640X1.0X.25 WASH	2
16-5	64229-03	LOCK NUT-NYLON 3/8-16	4
16-6	2208159	ASM-WHEEL 8X300-4	2
	(USE 2208159-01	TIRE-8X300-4 A/R)	
	(USE 2208159-02	RIM A/R)	
	(USE 2188123-03	BEARING A/R)	
16-7	2203097	SPACER-YOKE	2
16-8	64123-166	BLT-HEX 1/2-13X5-1/2	2
16-9	64229-05	1/2-13 NYLON LOCK NUT	2
16-10	2206164	WLDMT-YOKE, AR DECK	2
16-11	48053-07	BEARING-FLANGED BRNZE	8
16-12	2206199.2	WLDMT-SIDE PLATE,FRT RH	1
16-13	2202242	BRKT-SIDE PLATE RH	1
16-14	2202235	CROSSBAR	1
16-15	2208018-01	CABLE-SCRAPER 656 LG	1
16-16	64207-06	NUT-HEX M6-1	4
16-17	2202241	BRKT-SIDE PLATE LH	1
16-18	A110406	SCREW,M10X1.5X30 HH	11
16-19	64251-004	WHSR-M10	12
16-20	2206200.2	WLDMT-SIDE PLATE,FRT LH	1
16-21	2203012	SPINDLE 22 IN	1
16-22	2202010	SHIELD-ROLLER	2
16-23	64244-02	HEX JAM NUT M16-2.0	4
16-24	2203022	SLEEVE-ROLLER	1
16-25	2206217	S-AR250 SD DECK	1
16-26	2203087	SPACER-DECK	2
16-27	2206165	ASM-SMOOTH ROLLER, 4 IN	1
16-28	2208006	BRG-19MM ID X 45.237 OD	2
16-29	2208011-02	SEAL-OIL 1.375 X .750	2
16-30	2208011-03	SEAL-OIL 2.000 X 1.250	2
16-31	64123-206	BLT-HEX 5/8-11X4-1/2	2
16-32	142108	CAP-SPINDLE	1
16-33	64209-06	WSHR-CON SPRG 20.4MMID	12
16-34	64163-03	WSHR-.256ID X .62OD	5
16-35	2206178	S-DECK PIVOT	1
	(INCLUDES ITEMS 34, 37 & 56)		

ITEM	PART NO.	DESCRIPTION	QTY
16-36	2206202	S-YOKE PIVOT	1
	(INCLUDES ITEMS 11 & 40)		
16-37	A299301	ZERK-STRAIGHT M6-1.0	3
16-38	2202307	BRACKET-BUMPER MNTG	1
16-39	64229-06	LOCK NUT-NYLON 5/8-11	2
16-40	85010N	ZERK, 1/4-28 STR SLF TH	4
16-41	2208229	MOTOR-HYDRAULIC DECK	1
	(USE 2208157-01	SEAL KIT A/R)	
	(USE 2208157-02	RELIEF VALVE A/R)	
16-42	64197-005	BLT-TDFM 3/8-16X1-1/4	6
16-43	64205-001	BLT METRIC M8-1.25 X 20	4
16-44	64237-03	LOCKNUT-NYLON M10-1.5	12
16-45	64188-04	PIN, CLEVIS 1/2X2-5/8	4
16-46	64168-1	HAIRPIN COTTER	4
16-47	64163-19	33/64X1-1/4X12GA WASHR	8
16-48	64163-53	WASHER .391X1.50X9GA	2
16-49	800488	LOCK WASHER M10	2
16-50	64205-007	BLT METRIC M10-1.50X20	2
16-51	2203086	SHAFT-WHEEL	1
16-52	64163-71	WSHR-.762X1-1/4X.250	2
16-53	64176-03	PIN, SPIRAL ROLL	2
16-54	2206198.2	WLDMT-SIDE PLATE RH	1
16-55	2206218.2	WLDMT-SIDE PLATE LH	1
16-56	48048A	SLEEVE BEARING	2
16-57	64163-76	WSHR-1-3/4 X 13/16 X 9/64	2
16-58	64188-14	S PIN, CLEVIS 3/8X1.56	1
16-59	64168-2	HAIRPIN COTTER	1
16-60	523126	BUMPER-RUBBER	1
16-61	64229-02	LOCK NUT-NYLON 5/16-18	1
16-62	62464-1A	WASHER,THRUST 5/8X1.12	A/R
16-63	2206195	S-SMOOTH ROLLER 22"	1
16-64	64205-036	BLT-METRIC M10-1.50X35	1
16-65	2202315.2	CHUTE	1
	(USED ON 960025 & 960027)		
16-66	2202366.2	CHUTE-SHORT	1
	(USED ON 960023, 960024 & 960026)		
16-67	64018-3	BLT-CRG 3/8-16X1	4
16-68	64207-01	NUT-HEX,M8-1.25	4

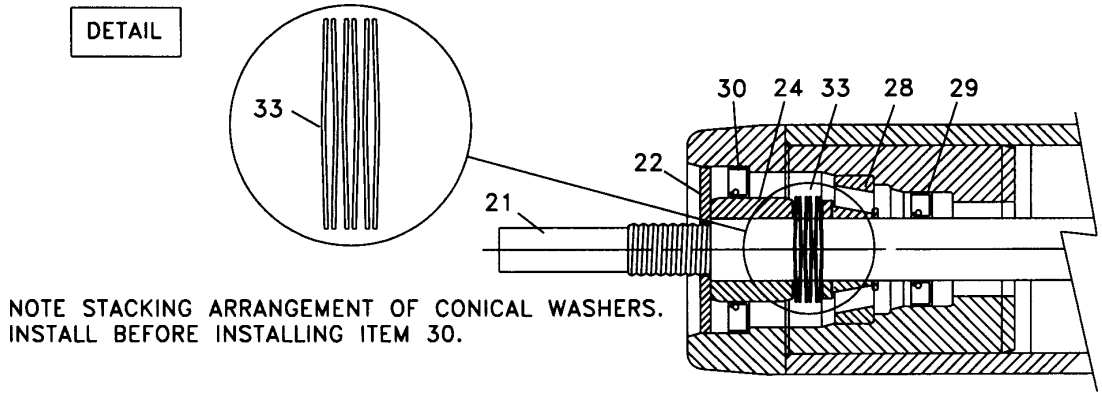
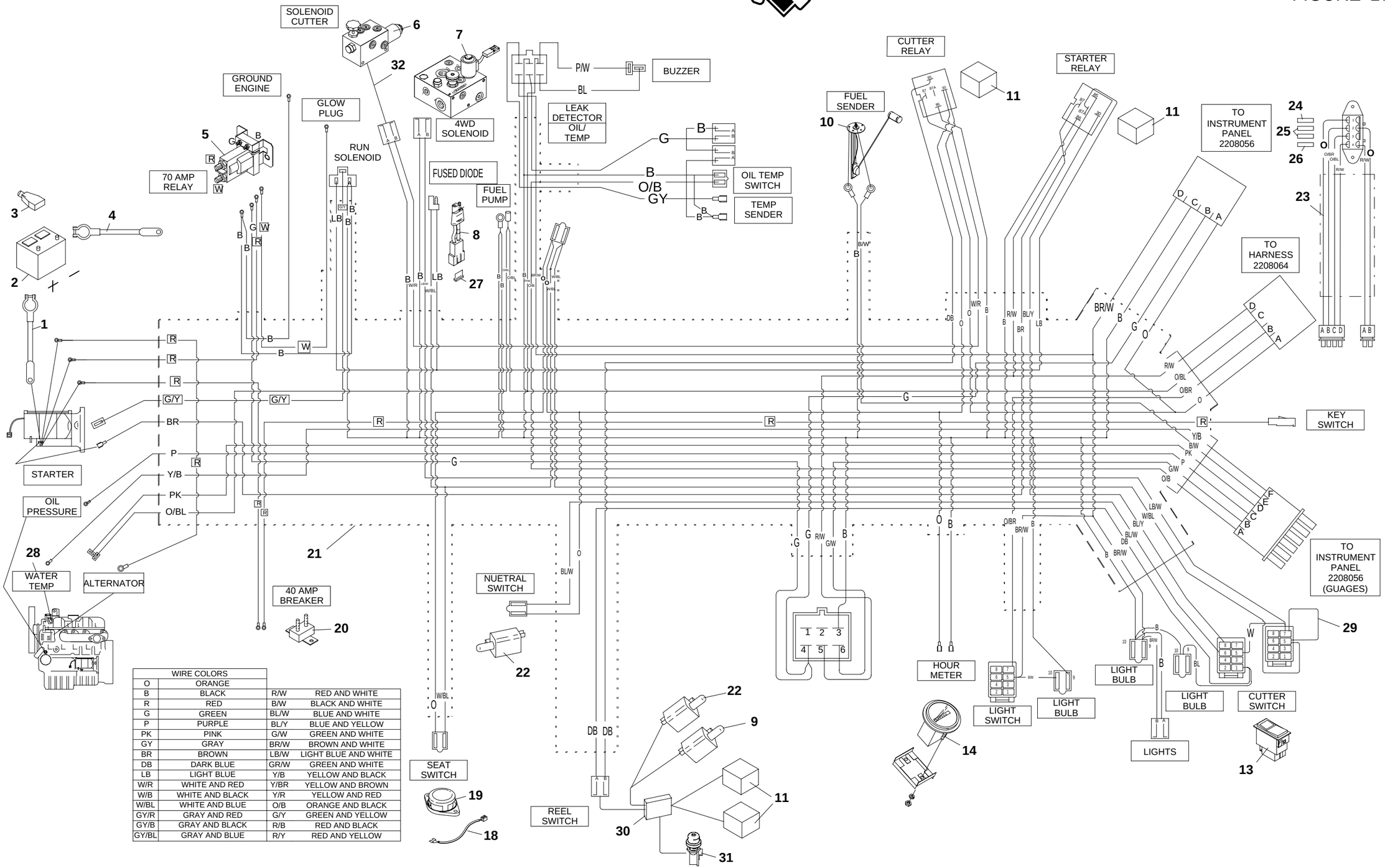


FIGURE 17

ITEM	PART NO.	DESCRIPTION	QTY
17-1	148164	CABLE-BATTERY	1
17-2	148074	BATTERY-BCI 26	1
17-3	48037A	BOOT, BATTERY TERMINAL	1
17-4	178083	CABLE-BATTERY NEGATIVE	1
17-5	38665	SOLENOID	1
17-6	2198235	VALVE-REEL DRIVE	1
17-7	2208191	VALVE-4WD	1
17-8	178150	DIODE-6AMP W/5AMP FUSE	1
17-9	38382	SWITCH-N.O.	1
17-10	2208037	MANIFOLD-INLET	1
17-11	128037	RELAY	4
17-13	2208066-01	SWITCH-CUTTER	1
17-14	48030N	HOUR METER ASSEMBLY	1
17-18	158136	WIRE-SEAT SWITCH	1
17-19	158135-01	SWITCH-SEAT, NO	1
17-20	48524	CIRCUIT BREAKER 40A	1
17-21	2208055	HARNESS-WIRING MAIN	1
17-22	38383	SWITCH-N.C.	2
17-23	2208064	FUSEBLOCK AND HARNESS	1
17-24	148082-30	FUSE 30 AMP	1
17-25	148082-10	FUSE 10 AMP	1
17-26	148082-20	FUSE 20 AMP	1
17-27	148082-05	FUSE-5 AMP	1
17-28	148270	SENDER-TEMP	1
17-29	2208090	CABLE-JUMPER	1
17-30	2208203	HARNESS-AR 250	1
17-31	2208099	SWITCH-90043 CH-14	1
17-32	2208190	WIRE-JUMPER DECK VALVE	1

ITEM	PART NO.	DESCRIPTION	QTY



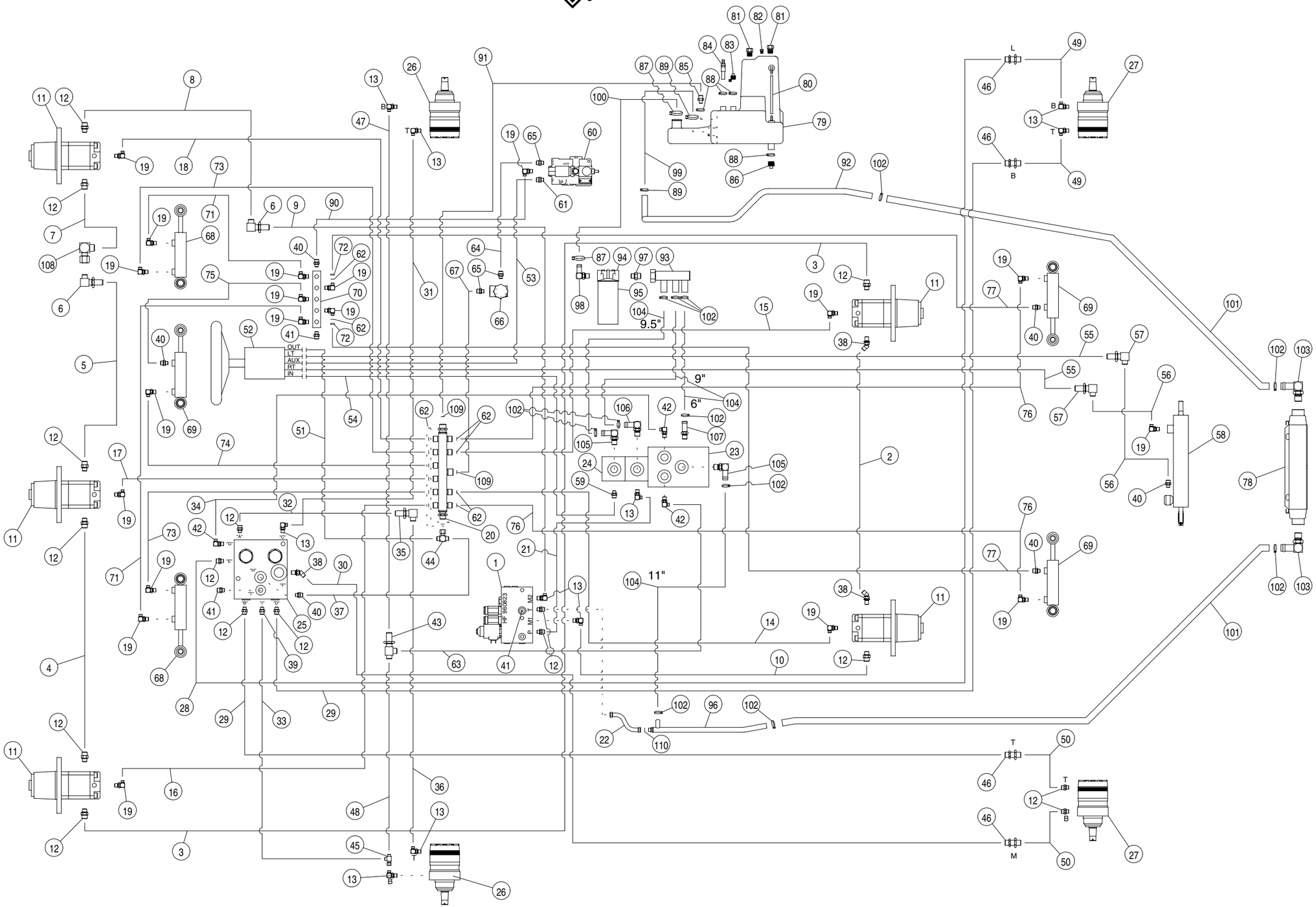
WIRE COLORS			
O	ORANGE		
B	BLACK	R/W	RED AND WHITE
R	RED	B/W	BLACK AND WHITE
G	GREEN	BL/W	BLUE AND WHITE
P	PURPLE	BL/Y	BLUE AND YELLOW
PK	PINK	G/W	GREEN AND WHITE
GY	GRAY	BR/W	BROWN AND WHITE
BR	BROWN	LB/W	LIGHT BLUE AND WHITE
DB	DARK BLUE	GR/W	GREEN AND WHITE
LB	LIGHT BLUE	Y/B	YELLOW AND BLACK
W/R	WHITE AND RED	Y/BR	YELLOW AND BROWN
W/B	WHITE AND BLACK	Y/R	YELLOW AND RED
W/BL	WHITE AND BLUE	O/B	ORANGE AND BLACK
GY/R	GRAY AND RED	G/Y	GREEN AND YELLOW
GY/B	GRAY AND BLACK	R/B	RED AND BLACK
GY/BL	GRAY AND BLUE	R/Y	RED AND YELLOW

HYDRAULIC DIAGRAM

FIGURE 18

2207093

AR 250



ITEM	PART NO.	DESCRIPTION	QTY
18-1	2198235	VALVE-DECK	1
	(SEE PAGE 55 FOR SERVICE)		
18-2	2692267-03	HOSE-5/8 90ORS/90ORSX120.0	1
18-3	2692267-04	HOSE-5/8 90ORS/90ORSX170.5	1
18-4	2692267-05	HOSE-5/8 90ORS/90ORSX82.0	1
18-5	2692268-07	HOSE-5/8 ORS/90 ORSX48.0	1
18-6	69055-04	FITTING-90 ORS/ORS FORGED	2
18-7	2692268-09	HOSE-5/8 ORS/90 ORSX43.50	1
18-8	2692268-04	HOSE-5/8 ORS/90 ORSX54.25	1
18-9	2692265-08	HOSE-5/8 ORS/45 OR X59.50	1
18-10	2692268-10	HOSE-5/8 ORS/90 ORS X 95.0	1
18-11	2208229	MOTOR-HYDRAULIC DECK	5
	(USE SEAL KIT 2208157-01)		
	(USE SEAL KIT 2208157-02)		
18-12	158006-07	FITTING-ORB/ORS	18
18-13	158007-05	FITTING-90 ORS/ORB	10
18-14	2692253-15	HOSE-3/8 ORS/90 OR X100.5	1
18-15	2692253-16	HOSE-3/8 ORS/90 ORX107.00	1
18-16	2692253-21	HOSE-3/8 ORS/90 ORSX67.50	1
18-17	2692253-18	HOSE-3/8 ORS/90 ORSX93.00	1
18-18	2692253-20	HOSE-3/8 ORS/90 ORS X 85.50	1
18-19	158007-01	FITTING-90 ORS/ORB	19
18-20	2208028.2	MANIFOLD-RETURN	1
18-21	2692268-08	HOSE-5/8 ORS/90 ORS X 18.50	1
18-22	2208189.2	TUBE-OIL COOLER/VALVE	1
18-23	2208192	PUMP-M35	1
	(SEE PAGES 56 & 57 FOR SERVICE)		
18-24	2208182	PUMP-2 SECTION	1
	(SE SEAL KIT 2208182-01)		
18-25	2208191	VALVE-4WD AR 250	1
	(SEE PAGE 52 FOR SERVICE)		
18-26	2720824-06	MOTOR-WHL ME290219AABT	2
18-27	2720824-05	MOTOR-WHL ME210219AABT	2
18-28	2692268-02	HOSE-5/8 ORS/90 ORS X 51.25	1
18-29	2692268-03	HOSE-5/8 ORS/90 ORS X 45.25	2
18-30	2692260-07	HOSE-5/8 ORS/ORS X 42.50	1
18-31	2692265-07	HOSE-5/8 ORS/45 ORS X 35.75	1
18-32	2692268-11	HOSE-5/8 ORS/90 ORS X 14.0	1
18-33	2692256-04	HOSE-1/2 90 ORS/90 ORSX31.0	1
18-34	2692273-01	HOSE-3/4 ORS/45 ORS X 14.50	1
18-35	69055-03	FITTING-90 ORS/ORS	1
18-36	2692260-06	HOSE-5/8 ORS/ORS X 30.50	1
18-37	2692253-13	HOSE-3/8 ORS/90 ORS 15.25	1
18-38	158059-06	FITTING-45 ORS/ORB ADJ	3
18-39	158006-04	FITTING-ORS/ORB	1
18-40	158006-01	FITTING-ORS/ORB	6
18-41	178079	TEST FITTING	3
18-42	158007-07	FITTING-90 ORS/ORB	3
18-43	69056-01	FITTING-ORS RUN TEE	1
18-44	69057-01	FITTING-ORS BRANCH TEE	1
18-45	158010-02	FTG-ORS RUN TEE	1
18-46	158067-02	FITTING-BLKHD ORS/ORS	4
18-47	2692224-02	HOSE-5/8 ORS/ORS X 29.25	1
18-48	2692260-05	HOSE-5/8 ORS/ORS X 19.25	1
18-49	2692295-01	HOSE-5/8 ORS/45 ORS X 32.0	2
18-50	2692296-01	HOSE-5/8 ORS/90 ORS X 31.00	2
18-51	2692214-13	HOSE-3/8 ORS/ORS X 41.75	1
18-52	2208142	STEER GEAR	1
	(USE SEAL KIT 2208142-01)		
	(USE BEARING KIT 2208142-02)		
	(USE CAP KIT 2208142-03		
	(USE RELIEF VALVE 2208142-04)		

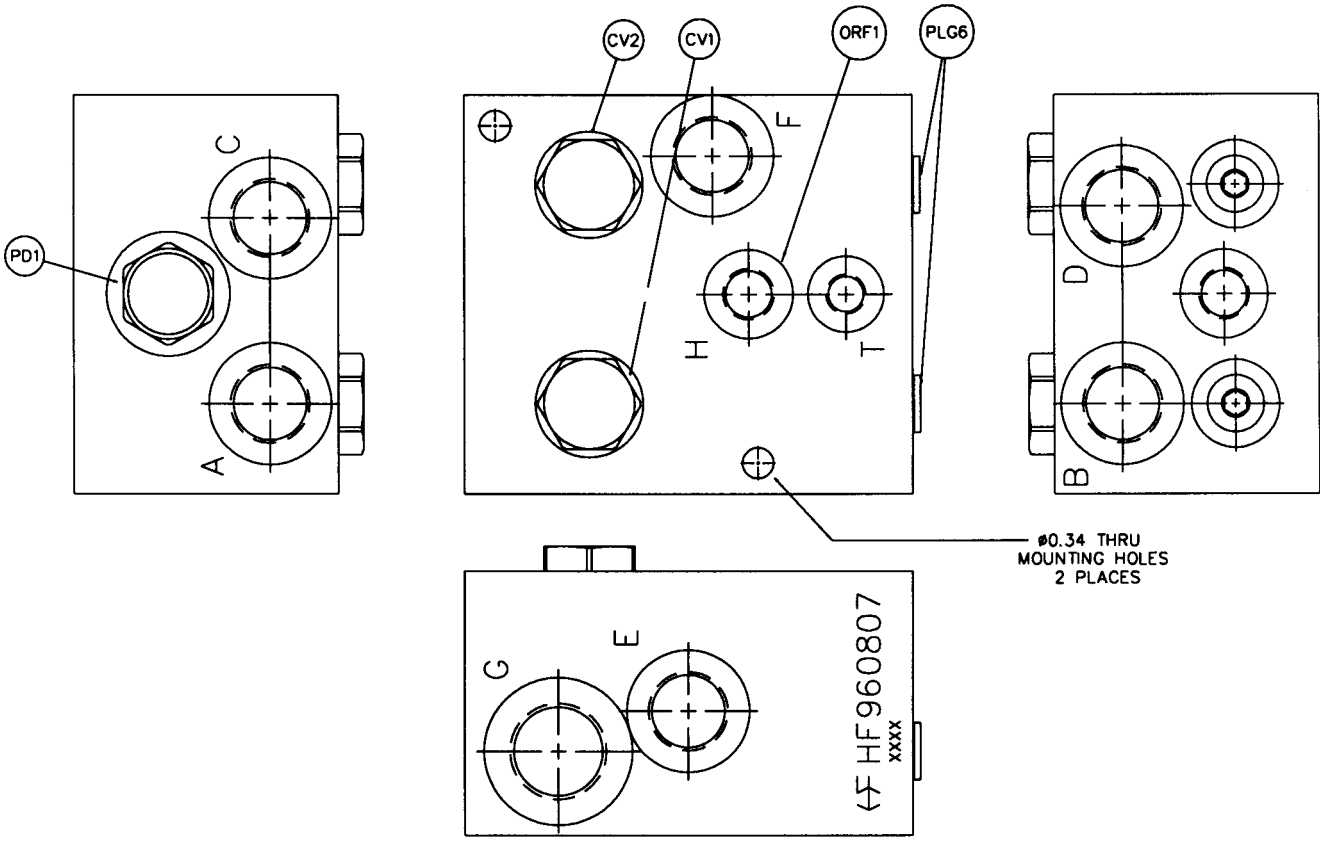
ITEM	PART NO.	DESCRIPTION	QTY
18-53	2692253-10	HOSE-3/8 ORS/90 ORS X 67.50	3
18-54	2692253-11	HOSE-3/8 ORS/90 ORS X 58.50	1
18-55	2692277-01	HOSE-3/8 ORS/90 ORSX115.75	2
18-56	2692278-01	HOSE-3/8 ORS/45 ORS X 99.50	2
18-57	69055-01	FITTING-90 ORS/ORS	2
18-58	198040	CYLINDER-STEERING	1
18-59	158006-03	FITTING-ORS/ORB	1
18-60	2208144	VALVE-LIFT	1
18-61	158006-13	FTG-6 ORS/8 ORB	1
18-62	158061-01	O-RING -06	14
18-63	2692226-03	HOSE-3/4 ORS/ORS X 21.50	1
18-64	2208068	TUBE-LIFT VALVE	1
18-65	158006-05	FITTING ORS/ORB	3
18-66	2208046	VALVE BLOCK-BACK PRES	1
18-67	2692256-01	HOSE-1/2 90 ORS/90 ORSX24.0	1
18-68	2208151	CYLINDER-REEL, LONG	2
18-69	2208152	CYLINDER-REEL, SHORT	3
18-70	2208051	MANIFOLD-LIFT	1
18-71	2692252-01	HOSE-3/8 ORS/ORS X 19.75	2
18-72	69068-01	ORIFICE DISK 06, .052	2
18-73	2692217-17	HOSE-3/8 ORS/45 ORS X 11.5	2
18-74	2692217-01	HOSE-3/8 ORS/45 ORS X 15.00	1
18-75	2692253-01	HOSE-3/8 ORS/90 ORS X 25.25	1
18-76	2692278-02	HOSE-3/8 ORS/45 ORS X 72.25	2
18-77	2692277-02	HOSE-3/8 ORS/90 ORS X 77.25	2
18-78	2208026	COOLER-OIL	1
18-79	2208031	RESERVOIR-HYDRAULIC	1
18-80	158122-02	TUBING-SIGHT GLASS	1
18-81	2690017-01	FTG-ORB PLUG 14	2
18-82	148027	BREATHER VENT	1
18-83	69051-01	PIPE PLUG - 3/8	1
18-84	2208083	SWITCH, TEMP-MODEL TT	1
18-85	158065-03	FITTING-ORS/NPTF	1
18-86	108029	PLUG,MAGNETIC	1
18-87	48383	CLAMP-HOSE 2-1/2 DIA.	2
18-88	108094-06	HOSE CLAMP #10	4
18-89	48396	CLAMP-HOSE 2 DIA	2
18-90	2692254-01	HOSE-3/8 90ORS/45ORSX12.38	1
18-91	2692222-02	HOSE-1/2 ORS/ORS X 7.25	1
18-92	2203053	TUBE-OIL RESERVOIR	1
18-93	2208162.2	MANIFOLD-INLET AR 250	1
18-94	2208038	FILTER HEAD-SPIN ON	1
18-95	178025	FILTER-SPIN ON	1
18-96	2208130.2	TUBE-OIL COOLER LH	1
18-97	158006-12	FITTING-ORB/ORS	1
18-98	158058-08	FITTING-90 BARB, ADJ	1
18-99	69059-02	S HOSE, HYD, 1.25IDX6 LG	1
18-100	2692233-01	S-HOSE-1.50 X 2.12	1
18-101	2692232-02	HOSE-1.25 X 21 WIRE REINF	2
18-102	108094-01	HOSE CLAMP .75 TO 1.75	12
18-103	158058-09	FITTING-90 BARB, ADJ	2
18-104	108092-01	S HOSE, 12.0	4
18-105	158058-02	FITTING-90 BARB, ADJ	2
18-106	158058-03	FITTING-90 BARB, ADJ	1
18-107	69060-03	FITTING-BARB, ADJ	1
18-108	158066-04	FTG-ORS/ORB	1
18-109	158061-02	O-RING	2
18-110	158061-08	O-RING	1

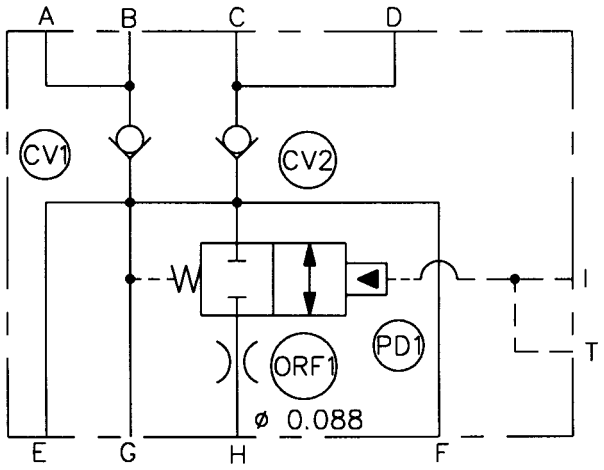
FIGURE 19

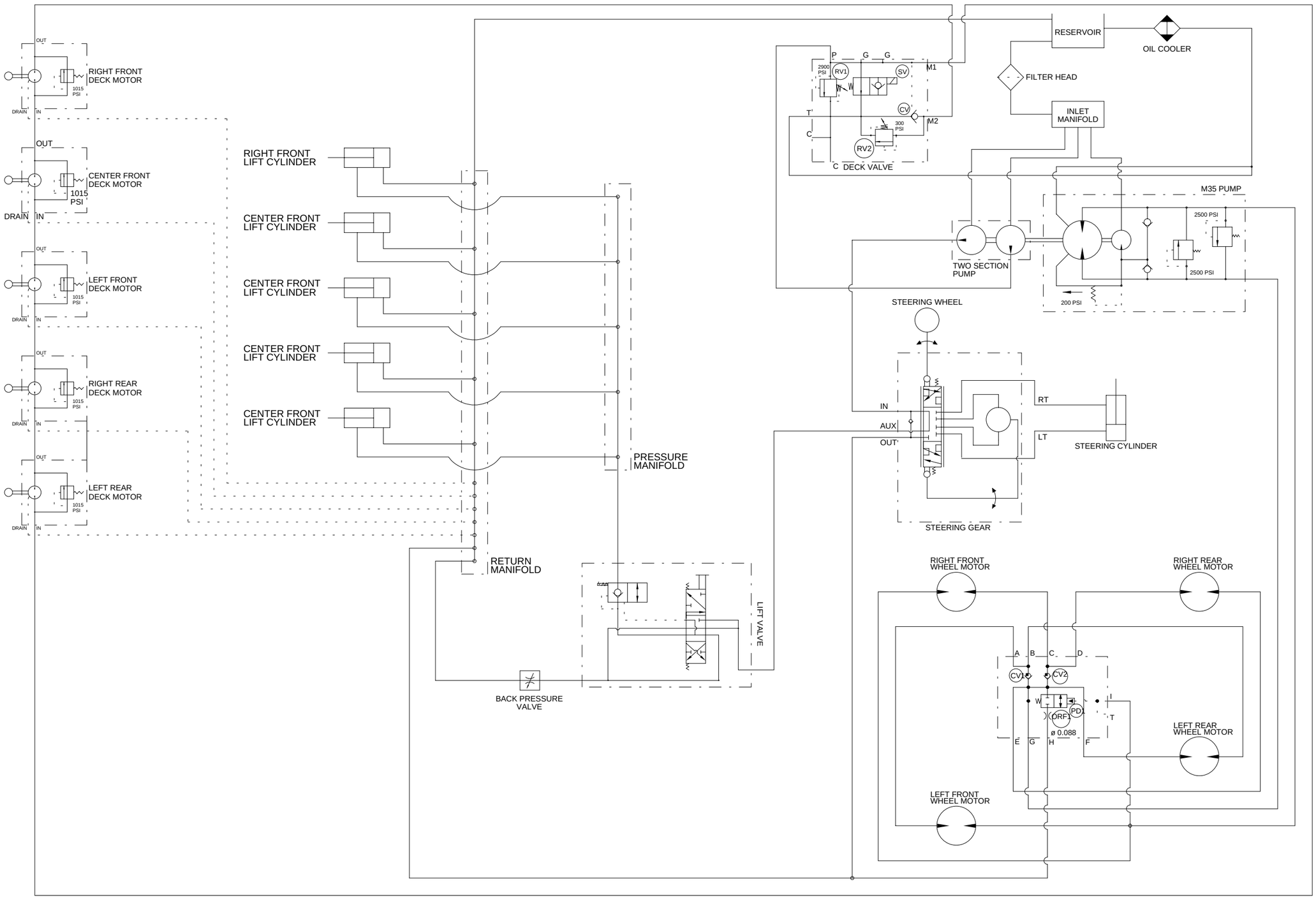
2207089

4WD VALVE PART NUMBER 2208191.
HYDRAFORCE PART NO HF960807
PORTING: "G" IS SAE 12
"H" & "I" ARE SAE 6
"T" IS SAE 4
ALL OTHERS ARE SAE 10

2207072 DOC-ASSY/SERVICE 2208191					
ITEM	HYDRAFORCE PART NO.	R.I. P/N	QTY.	HYDRAFORCE SEAL KIT	R.I. P/N
CV1	CV10-20-0-N-02	178102-78	1	SK10-2N-T	178102-01
CV2	CV10-20-0-N-02	178102-78	1	SK10-2N-T	178102-01
PD1	PD10-44-0-N-110	178102-53	1	SK10-4N-MMM	178102-54
PLG6	PORT PLUG 6118006	178102-61	1	6062009	178102-63
ORF1	ORIFICE PLUG 6115088	178102-51	1	-----	-----





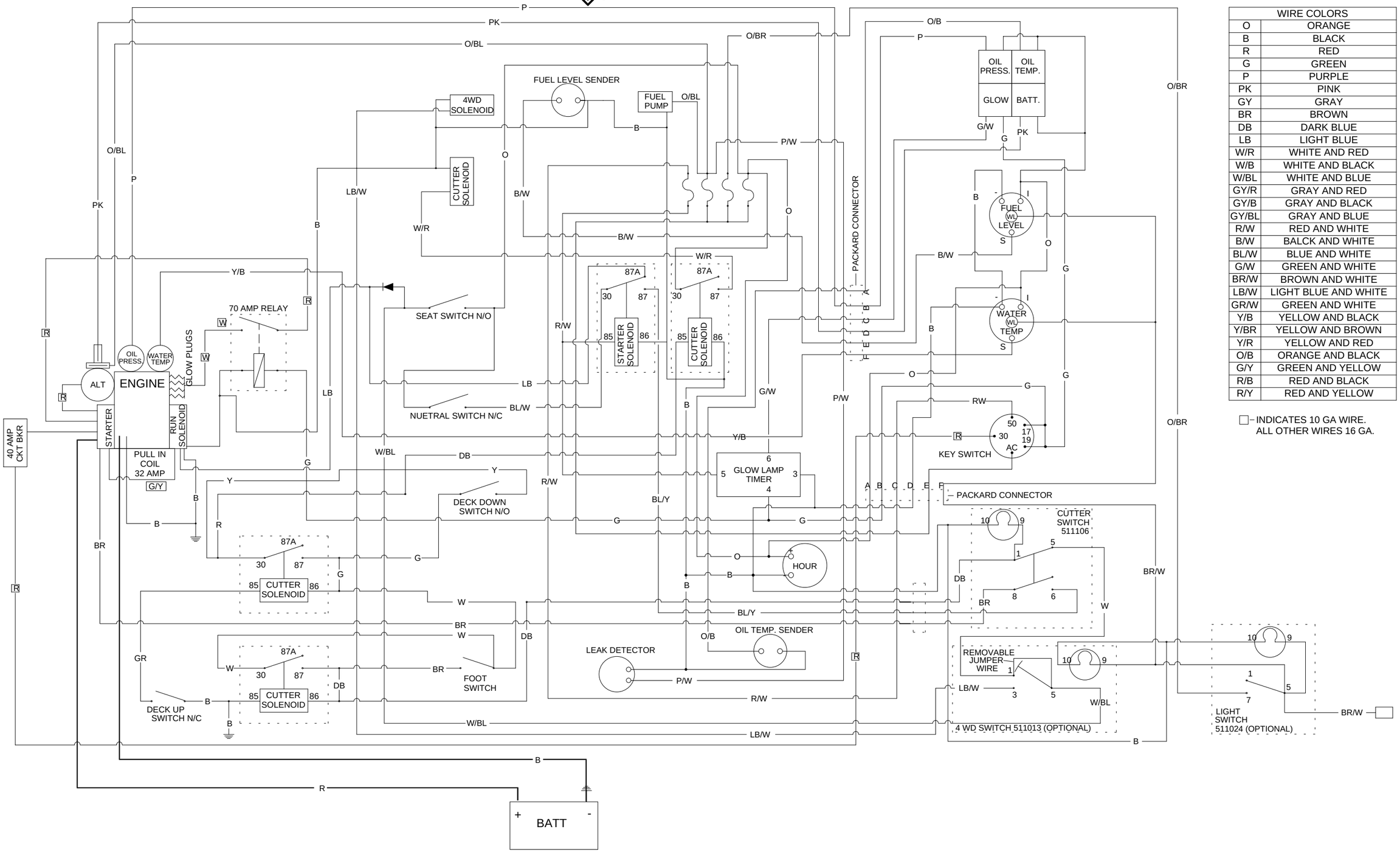

RIGHT FRONT DECK MOTOR
CENTER FRONT DECK MOTOR
LEFT FRONT DECK MOTOR
RIGHT REAR DECK MOTOR
LEFT REAR DECK MOTOR
1015 PSI
OUT
IN
DRAIN
RIGHT FRONT LIFT CYLINDER
CENTER FRONT LIFT CYLINDER
CENTER FRONT LIFT CYLINDER
CENTER FRONT LIFT CYLINDER
CENTER FRONT LIFT CYLINDER
PRESSURE MANIFOLD
RETURN MANIFOLD
BACK PRESSURE VALVE
LIFT VALVE
DECK VALVE
P
G
T
C
RV1
RV2
SV
CV
M1
M2
2900 PSI
300 PSI
RESERVOIR
OIL COOLER
FILTER HEAD
INLET MANIFOLD
M35 PUMP
TWO SECTION PUMP
2500 PSI
200 PSI
STEERING WHEEL
IN
AUX
OUT
RT
LT
STEERING CYLINDER
STEERING GEAR
RIGHT FRONT WHEEL MOTOR
RIGHT REAR WHEEL MOTOR
LEFT FRONT WHEEL MOTOR
LEFT REAR WHEEL MOTOR
CV1
CV2
ORF1
PD1
ø 0.088
A
B
C
D
E
F
G
H

ELECTRICAL SCHEMATIC

FIGURE 21

2207095

AR 250

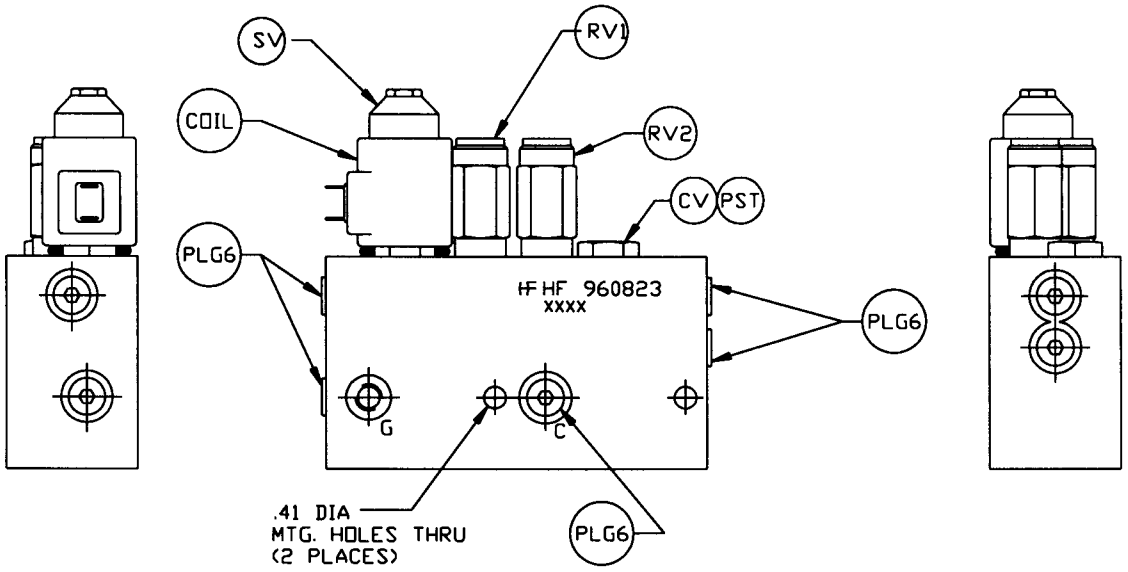


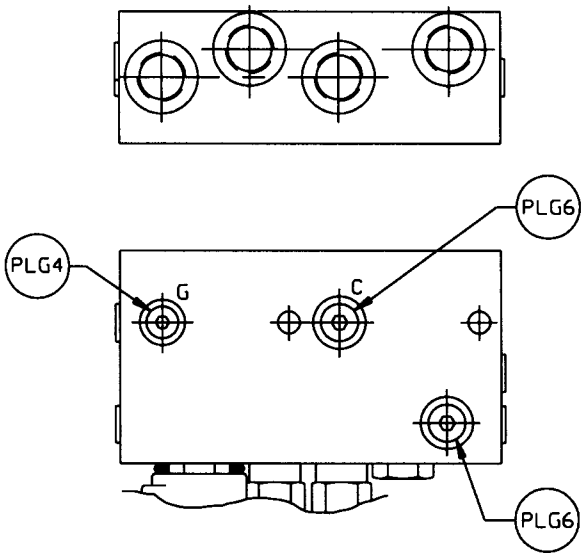
WIRE COLORS	
O	ORANGE
B	BLACK
R	RED
G	GREEN
P	PURPLE
PK	PINK
GY	GRAY
BR	BROWN
DB	DARK BLUE
LB	LIGHT BLUE
W/R	WHITE AND RED
W/B	WHITE AND BLACK
W/BL	WHITE AND BLUE
GY/R	GRAY AND RED
GY/B	GRAY AND BLACK
GY/BL	GRAY AND BLUE
R/W	RED AND WHITE
B/W	BALCK AND WHITE
BL/W	BLUE AND WHITE
G/W	GREEN AND WHITE
BR/W	BROWN AND WHITE
LB/W	LIGHT BLUE AND WHITE
GR/W	GREEN AND WHITE
Y/B	YELLOW AND BLACK
Y/BR	YELLOW AND BROWN
Y/R	YELLOW AND RED
O/B	ORANGE AND BLACK
G/Y	GREEN AND YELLOW
R/B	RED AND BLACK
R/Y	RED AND YELLOW

☐ – INDICATES 10 GA WIRE.
ALL OTHER WIRES 16 GA.

DECK VALVE PART NUMBER 2198235
HYDRAFORCE PART NO HF960823
PORTING: BOTH "G" S ARE SAE 4
BOTH "C" S ARE SAE 6
"P", "T", "M1", "M2" ARE SAE 10

ITEM	HYDRAFORCE PART NO.	RANSOMES PART NO.	QTY	HYDRAFORCE SEAL KIT	RANSOMES PART NO.
RV1	RV10-22H-0-N-35/29	178102-12	1	SK10-2N-B	178102-02
RV2	RV10-22H-0-N-06/3.0	178102-13	1	SK10-2N-T	178102-01
CV	CV10-20-0-N-70	178102-31	1	SK10-2N-T	178102-01
PST	PILOT PISTON 7013200	178102-14	1	---------	---------
SV	SV10-21W-0-N-00	178102-16	1	SK10-2N-T	178102-01
COIL	COIL 6351012	178102-17	1	---------	---------
PLG6	SAE PLUG 6103006	178102-18	7	6002906	178102-10
PLG4	SAE PLUG 6103004	178102-19	1	6002904	178102-09





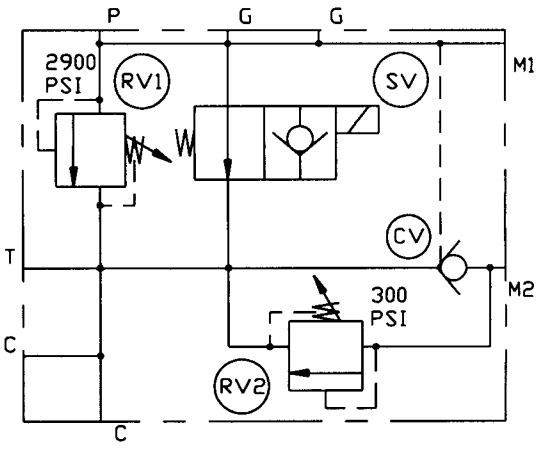
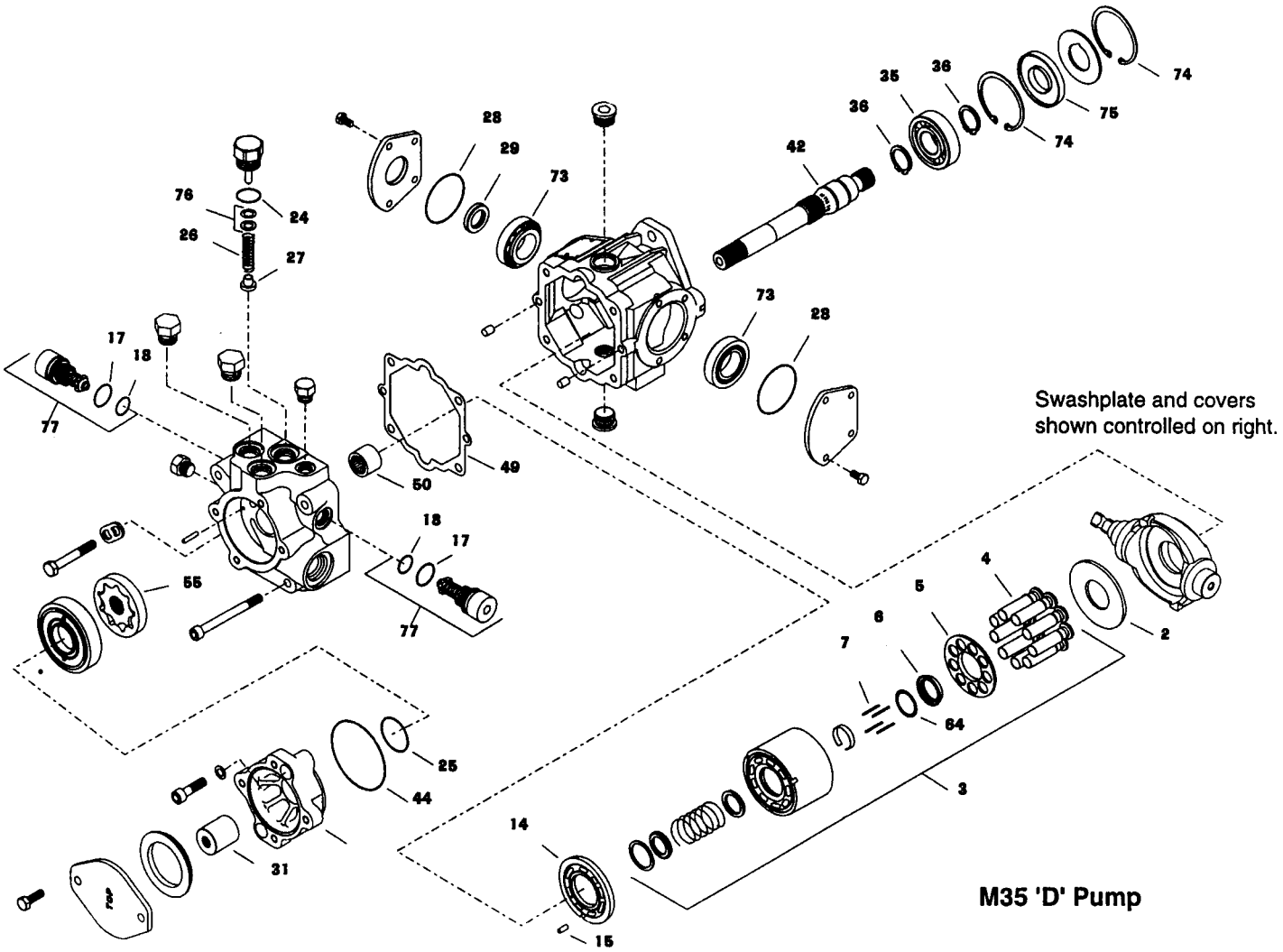


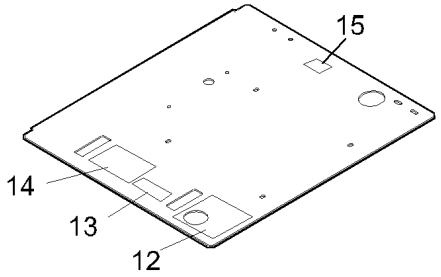
FIGURE 23


Swashplate and covers
shown controlled on right.
M35 'D' Pump
74
35
36
75
36
74
42
28
29
73
76
24
26
27
73
28
17
18
77
49
50
18
17
77
55
4
5
6
7
2
64
3
25
44
31
14
15

ITEM	PART NO.	DESCRIPTION	QTY
21-2	178037-02	THRUST PLATE	1
21-3	178037-03	CYLINDER BLOCK KIT	1
21-4	178037-04	PISTON ASSEMBLY	1
21-5	178037-05	SLIPPER RETAINER	1
21-6	178037-06	SLIPPER RTNR GUIDE	1
21-7	178037-07	SLIPPER HLD DWN PIN	1
21-14	178037-14	VALVE PLATE, RH	1
21-15	178037-15	SPRING PIN	1
21-17	178037-17	O-RING	2
21-18	178037-18	O-RING	2
21-24	178037-24	O-RING	1
21-25	178037-25	O-RING	1
21-26	178037-26	SPRING	1
21-27	178037-27	CHARGE RLF POPPET	1
21-28	178037-28	O-RING	2
21-29	178037-29	LIP SEAL	1
21-31	178037-31	COUPLING	1
21-35	178037-35	BALL BEARING	1
21-36	178037-36	RETAINING RING	2
21-42	178037-42	FRONT SHAFT, 15 TTH	1
21-49	178037-49	END CAP GASKET	1
21-50	178037-50	NEEDLE BEARING	1
21-55	178037-55	GEROTOR ASSEMBLY	1
21-64	178037-64	WASHER, SPECIAL	1
21-73	178037-73	BEARING	2
21-74	178037-74	RETAINING RING	2
21-75	178037-75	LIP SEAL	1
21-76	178037-76	CHARGE RLF SHIM KIT	1
21-77	178037-77	SCR VALVE ASSY	2

ITEM	PART NO.	DESCRIPTION	QTY

FIGURE 24



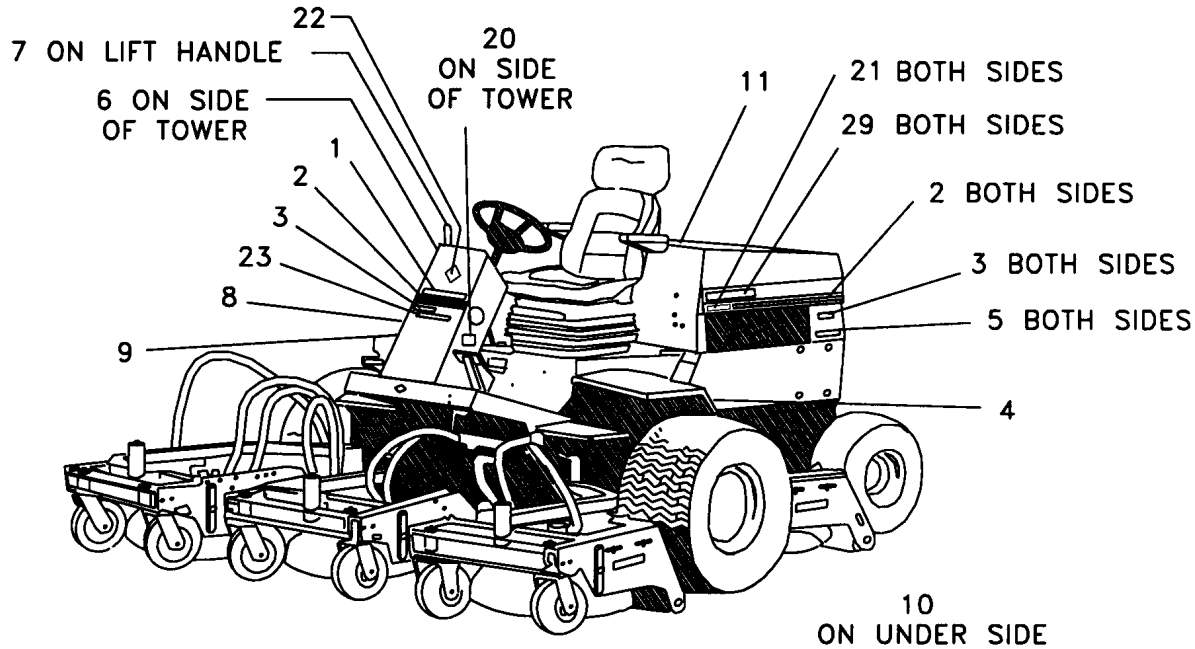
ON SEAT PLATE

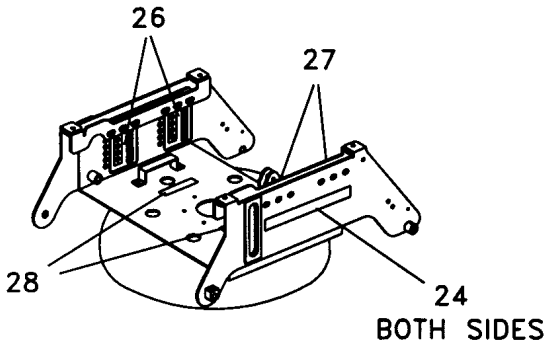
17 ON DOCUMENT TUBE

18 ON RADIATOR

19 INSIDE TOWER

25 ON WEIGHT TRANSFER VALVE





ITEM	PART NO.	DESCRIPTION	QTY
24-1	2000628	LABEL, 9 RANSOMES	1
24-2	838495	LABEL-RD/WH STRIPE 20'	3
24-3	2000750	LABEL-AR 250 DIE CUT	3
24-4	2000730	LABEL-DIESEL FUEL/CHK	1
24-5	2000684	LABEL-4WD	2
24-6	00225	DECAL-FWD/REV	1
24-7	00465	LABEL,6100 FAST/SLOW	1
24-8	2000590	LABEL, WARN BATTERY	1
24-9	00228	LABEL,HYDRAULIC RSVR	1
24-10	2000758	LABEL-SERV CHART AR 250	1
24-11	00434	LABEL-NOTICE	1
24-12	2000605	LABEL-WEIGHT LIFT	1
24-13	2000757	LABEL-CUTTER LIFT AR 250	1
24-14	2000686	LABEL-MAIN WARNING	1
24-15	2000688	LABEL-PSI	1
24-17	2000735	DECAL-OP MANUAL	1
24-18	2000633	LABEL, FAN ROTATING	1
24-19	2000608	LABEL-FUSE CHART	1
24-20	00449	LABEL,PARK BRAKE	1
24-21	2720643	LABEL-TEXTORN	2
24-22	2720122	LABEL-DIAMOND R	1
24-23	2000748	LABEL-W/ TURF PROTECT	1
24-24	2000749	LABEL-ENVIRODECK	10
	(USED ON ENVIRODECKS ONLY)		
24-25	2000616	LABEL-ADJUST KNOBS 250	1
24-26	2000769	DECAL-HGT OF CUT LH	10
24-27	2000770	DECAL-HGT OF CUT RH	10
24-28	2000759	LABEL-DANGER/WARNING	10
24-29	838588	LABEL-RANSOMES DIECUT	2

ITEM	PART NO.	DESCRIPTION	QTY

PART NO.	DESCRIPTION	FIG/ITEM
00225	DECAL-FWD/REV	24 /6
00228	LABEL,HYDRAULIC RSVR	24 /9
00434	LABEL-NOTICE	24 /11
00449	LABEL,PARK BRAKE	24 /20
00465	LABEL,6100 FAST/SLOW	24 /7
008295650	LENS-GLOW PLUG	12 /18
108003	BRG 1.5X1.25X1.25	1 /12
108003	BRG 1.5X1.25X1.25	6 /10
108003	BRG 1.5X1.25X1.25	7 /7
108029	PLUG,MAGNETIC	9 /40
108029	PLUG,MAGNETIC	18 /86
108086-05	FTG-BARB 90-5/16 X 1/4	4 /16
108092-01	S HOSE, 12.0	18 /104
108094-01	CLAMP-HOSE SAE20	4 /35
108094-01	CLAMP-HOSE SAE20	10 /29
108094-01	CLAMP-HOSE SAE20	18 /102
108094-06	CLAMP-HOSE SAE10	18 /88
108138-02	TUBE CLAMP,.94	7 /59
108194-13	FLEX TRIM 41.00	10 /13
112111-05	BLADE-22.00 OFFST HLFT	16 /3
112243-05	BLADE 22.00 OFFST LLFT	14 /3
112243-05	BLADE 22.00 OFFST LLFT	15 /3
118047-02	BUSHING FLIP-LOK, 1/2	3 /23
118047-02	BUSHING FLIP-LOK, 1/2	5 /63
118047-02	BUSHING FLIP-LOK, 1/2	10 /51
118047-06	BUSHING FLIP-LOK.312ID	10 /10
118082	S RIM 8 4 BOLT	1 /64
128025-03	CABLE-BRAKE	5 /23
128025-03	CABLE-BRAKE	8 /4
128025-04	CABLE-BRAKE	5 /22
128025-04	CABLE-BRAKE	8 /26
128037	RELAY	17 /11
138011	BALL JOINT	3 /39
142108	CAP-SPINDLE	14 /32
142108	CAP-SPINDLE	16 /32
142108	CAP-SPINDLE	15 /32
142350-01	BRKT-RCVRY TANK LH	10 /23
142350-02	BRKT-RCVRY TANK RH	10 /22
146082	S PEDAL ADAPTER W/MAT	5 /46
148023-01	S SEAL KT DK#30029-162	13 /46
148023-02	S SPRG CNTR DKS#1607-7	13 /47
148023-03	S PILOT CHK DK#1608-15	13 /48
148027	BREATHER VENT	9 /36
148027	BREATHER VENT	18 /82
148034-01	INSUL.GROMMET 1 I.D.	5 /75
148034-05	GROMMET-INSULATION	7 /38
148057-03	CABLE-THROTTLE	3 /4
148058-01	ROD END R.H.	1 /36
148058-02	ROD END L.H.	1 /32
148062	MASTER LINK #50 CHAIN	13 /27
148074	BATTERY-BCI 26	9 /29
148074	BATTERY-BCI 26	17 /2
148081	GASKET	9 /4
148082-05	FUSE-5 AMP	17 /27
148082-10	FUSE 10 AMP	17 /25
148082-20	FUSE 20 AMP	17 /26
148082-30	FUSE 30 AMP	17 /24
148138	S SEAL KIT MB/ME MTRS	1 /65
148138	S SEAL KIT MB/ME MTRS	8 /112
148164	CABLE-BATTERY	17 /1
148231	3/16-90 DEG BARBED FITTING	9 /42
148263	HOSE-FUEL 5/16 46.0	4 /37
148263-05	HOSE-FUEL 5/16 46.0"	5 /41
148263-05	HOSE-FUEL 5/16 46.0 "	9 /48
148270	SENDER-TEMP	17 /28
148394	KIT-S LWR SEAT WLDMT	11 /33
148395	KIT-S UPPER SEAT WLDMT	11 /34
148396	KIT-S DLX SEAT SPRING	11 /35
148397	KIT-S DLX SEAT ADJSTR	11 /36
158001	CHAIN	6 /27
158001-05	CHAIN-5.7 LG PLATED	7 /22
158001-06	CHAIN 6.7 LG PLATED	6 /26
158006-01	FITTING-ORS/ORB	18 /40
158006-03	FITTING-ORS/ORB	18 /59
158006-04	FITTING-ORS/ORB	18 /39
158006-05	FITTING ORS/ORB	18 /65
158006-07	FITTING-ORB/ORS	18 /12
158006-12	FITTING-ORB/ORS	18 /97
158006-13	FTG-6 ORS/8 ORB	18 /61
158007-01	FITTING-90 ORS/ORB	18 /19
158007-05	FITTING-90 ORS/ORB	18 /13
158007-07	FITTING-90 ORS/ORB	18 /42
158010-02	FITTING-ORS RUN TEE	18 /45
158058-02	FITTING-90 BARB, ADJ	18 /105
158058-03	FITTING-90 BARB, ADJ	18 /106
158058-08	FITTING-90 BARB, ADJ	18 /98
158058-09	FITTING-90 BARB, ADJ	18 /103
158059-06	FITTING-45 ORS/ORB ADJ	18 /38
158061-01	O-RING -06	18 /62
158061-02	S O-RING -08	18 /109
158061-04	O-RING	2 /31
158061-08	S- O-RING -016	18 /110
158065-03	FITTING-ORS/NPTF	9 /37
158065-03	FITTING-ORS/NPTF	9 /45
158065-03	FITTING-ORS/NPTF	18 /85
158066-04	FTG-ORS/ORB	18 /108
158067-02	FITTING-BLKHD ORS/ORS	18 /46
158122-02	TUBING-SIGHT GLASS	9 /41
158122-02	TUBING-SIGHT GLASS	18 /80
158135-01	SWITCH-SEAT, NO	11 /6
158135-01	SWITCH-SEAT, NO	17 /19
158136	WIRE-SEAT SWITCH	11 /5

PART NO.	DESCRIPTION	FIG/ITEM
158136	WIRE-SEAT SWITCH	17 /18
172028.2	BASE-NEUTRAL RETURN	3 /29
172029.2	BRACKET-NEUTRAL RETURN	3 /34
172042.2	BRKT-STEERING	5 /64
172060	BRAKE DRUM	8 /19
172084	CLAMP-THROTTLE	3 /3
172085.2	BRACKET-THROTTLE	3 /7
172088	THROTTLE ARM	3 /17
172298.2	SUPPORT-STEERING	5 /66
172304.2	BRACKET-TILT WHEEL	5 /58
172364.2	ARM-CONTROL HD	3 /22
173006	SHAFT-LOCKING	5 /60
173042	SPACER-SPINDLE	1 /19
176100.2	WLDMT-FRICTION WASHER	5 /67
176102	S CONTROL LEVER W/LAB	3 /24
178013	BRAKE BAND	8 /14
178018	THRUST BEARING	1 /18
178025	FILTER-SPIN ON	13 /4
178025	FILTER-SPIN ON	18 /95
178032	ASSY-WHEEL 20 X 10 X 8	1 /29
178032-01	S TIRE 20 X 10	1 /63
178037-02	THRUST PLATE	23 /2
178037-03	CYLINDER BLOCK KIT	23 /3
178037-04	PISTON ASSEMBLY	23 /4
178037-05	SLIPPER RETAINER	23 /5
178037-06	SLIPPER RETAINER GUIDE	23 /6
178037-07	SLIPPER HOLD DOWN PIN	23 /7
178037-14	VALVE PLATE, RH	23 /14
178037-15	SPRING PIN	23 /15
178037-17	O-RING	23 /17
178037-18	O-RING	23 /18
178037-24	O-RING	23 /24
178037-25	O-RING	23 /25
178037-26	SPRING	23 /26
178037-27	CHARGE RELIEF POPPET	23 /27
178037-28	O-RING	23 /28
178037-29	LIP SEAL	23 /29
178037-31	COUPLING	23 /31
178037-35	BALL BEARING	23 /35
178037-36	RETAINING RING	23 /36
178037-42	FRONT SHAFT, 15 TOOTH	23 /42
178037-44	O-RING	23 /44
178037-49	END CAP GASKET	23 /49
178037-50	NEEDLE BEARING	23 /50
178037-55	GEROTOR ASSEMBLY	23 /55
178037-64	WASHER, SPECIAL	23 /64
178037-73	BEARING	23 /73
178037-74	RETAINING RING	23 /74
178037-75	LIP SEAL	23 /75
178037-76	CHARGE RELIEF SHIM KIT	23 /76
178037-78	SCR VALVE ASSY	23 /78

PART NO.	DESCRIPTION	FIG/ITEM
178077	SIGHT BOWL	4 /14
178078	FILTER-COALESCER	4 /15
178079	TEST FITTING	18 /41
178081	ASM-FILTER HEAD	4 /17
178083	CABLE-BATTERY NEGATIVE	17 /4
178092-03	S-WATER TEMP GAUGE	12 /3
178092-04	S-FUEL GAUGE	12 /4
178092-05	S-LITE SOCKETS W/LAMP	12 /21
178092-11	S-TRANSPORT RCKR SWITCH	12 /12
178092-13	S-SINGLE SWITCH BLANK	12 /7
178092-15	S-GREEN RABBIT LENS	12 /13
178092-17	S 5/8 HOLE PLUG	12 /8
178092-18	S 1.0 HOLE PLUG	12 /9
178092-21	RED MOWER DECK LENS	12 /6
178092-22	LIGHT FOR ROCKER	12 /14
178105	CAP-LOCKING	9 /5
178105-01	KEY SET, FUEL CAP	9 /5
178138	WASHER-FRICTION	5 /65
178142	LATCH-RUBBER	9 /33
2208291	S RIM W/VALVE STEM & CAP	8 /24
178150	DIODE-6AMP W/5AMP FUSE	17 /8
188015	OIL PRESSURE LENS	12 /17
196021	WLDMT-NEUTRAL CONTROL	5 /37
198040	CYL-STEERING	1 /26
198040	CYL-STEERING	18 /58
198040-01	SEAL KIT	1 /62
198040-01	SEAL KIT	6 /30
198040-01	SEAL KIT	7 /61
198057	SEAT	11 /2
198057-01	S CUSHION,EDGING,HDW,I.S.	11 /32
198058	SUSPENSION W/ADJUSTERS	11 /8
198069-02	S-HOSE AIR CLEANER 50 COIL	4 /2
2000590	LABEL, WARN BATTERY	24 /8
2000605	LABEL-WEIGHT LIFT	24 /12
2000608	LABEL-FUSE CHART	24 /19
2000616	LABEL, ADJUST KNOBS 250	24 /30
2000628	LABEL, 9 RANSOMES DIE CUT	24 /1
2000633	LABEL, FAN ROTATING	24 /18
2000674	LABEL-38 HP DIE CUT	24 /21
2000684	LABEL-4WD	24 /5
2000686	LABEL-MAIN WARNING	24 /14
2000688	DECAL-TIRE PRESS 14PSI EC	24 /15
2000730	LABEL-DIESEL FUEL/CHK	24 /4
2000735	LABEL-OPER MAN	24 /17
2000748	LABEL-W/ TURF PROTECTOR	24 /23
2000749	LABEL-ENVIRODECK DIE CUT	24 /24
2000750	LABEL-AR 250 DIE CUT	24 /3
2000755	DECAL-INST PANEL 951	12 /2
2000757	LABEL-DECK LIFT AR 250	24 /13
2000758	LBL-SERVICE CHART AR 250	24 /10

PART NO.	DESCRIPTION	FIG/ITEM
2000759	LABEL-DANGER/WARNING	24 /28
2000769	DECAL-HGT OF CUT LH	24 /31
2000770	DECAL-HGT OF CUT RH	24 /32
2188123-03	3/4 ID X 1-3/8 OD BALL BRG FL	14 /6
2188123-03	3/4 ID X 1-3/8 OD BALL BRG FL	16 /6
2188123-03	3/4 ID X 1-3/8 OD BALL BRG FL	15 /6
2192248	BRKT-LATCH POST	10 /39
2192276.2	MNT-PLASTIC AIR CLEANER	4 /19
2192502-03	BLADE-CUTTER AR250	14 /5
2192502-03	BLADE-CUTTER AR250	15 /5
2192571	STOP-HOOD PIVOT	10 /7
2196054	S KIT-ARM REST	11 /1
2196117	S FWD/REV PED W/MAT	5 /45
2198084	LATCH-SWELL	10 /14
2198088	LENS-BATTERY	12 /16
2198089	LAMP HLDR-DUAL WINDOW	12 /19
2198091	BOOT-FUEL SENDER	9 /28
2198112	LATCH-HOOD	4 /22
2198112	LATCH-HOOD	10 /38
2198114	CLAMP-AIR CLEANER	4 /3
2198125	BUMPER	4 /24
2198129	MAT-BRAKE PEDAL	5 /81
2198130	STEERING WHEEL	5 /71
2198147	AIR CLEANER	4 /4
2198147-01	ELEMENT	4 /5
2198147-02	VALVE-DUST UNLOADER	4 /7
2198147-03	COVER	4 /6
2198147-04	S-COVER CLIP	4 /8
2198153	ROLLER, 3	7 /48
2198192	SADDLE-BLADE	14 /4
2198192	SADDLE-BLADE	15 /4
2198235	VALVE-DECK	13 /12
2198235	VALVE-DECK	17 /6
2198235	VALVE-DECK	22 /1
2198235	VALVE-DECK	18 /1
2201012.2	PLATE-MOTOR	1 /49
2202010	SHIELD-ROLLER	14 /22
2202010	SHIELD-ROLLER	16 /22
2202010	SHIELD-ROLLER	15 /22
2202064.2	BRKT-ENG MOUNTING	2 /4
2202091.2	BRKT-FILTER	13 /2
2202092.2	BRACE-REAR REEL	7 /13
2202096.2	STOP-REEL PIVOT	6 /58
2202103.2	HOLD DOWN-BATTERY	9 /24
2202108.2	SPACER-TOWER HINGE	5 /51
2202112.2	BRKT-HYD FTG	6 /32
2202113.2	BRKT-HYD FTG	6 /29
2202114.2	BRKT-RETURN VAVLE LH	13 /22
2202115.2	BRKT-RETURN VALVE RH	13 /24
2202118.2	SUPT-SEAT	11 /23

PART NO.	DESCRIPTION	FIG/ITEM
2202130	BRKT-MOTOR, RH	2 /24
2202131.2	BRKT-MOTOR, LH	2 /23
2202138.2	PLATE-STEP CLAMP	9 /16
2202144	MOUNT-RADIATOR	10 /34
2202146.2	PLATE	7 /5
2202148.2	RELEASE-BRAKE	5 /26
2202149.2	BRKT-BRAKE LH	5 /18
2202150.2	BRKT-BRAKE RH	5 /19
2202154.2	LATCH-BRAKE	5 /24
2202159.2	GUIDE-BRAKE ROD	5 /9
2202161.2	BRACKET-SPEED CONTROL	5 /31
2202163	BRKT-LIGHT	5 /5
2202166.2	PLATE-RESERVOIR COVER	9 /22
2202170.2	PLATE-LIFTSTOP	6 /3
2202171.2	PLATE-LIFTSTOP	6 /40
2202172.2	LIFT LEVER-FOOT	6 /50
2202173.2	PLATE-LIFTSTOP BACKING	6 /56
2202209.2	STOP-REEL PIVOT	6 /24
2202209.2	STOP-REEL PIVOT	7 /25
2202211.2	STOP-BACK PRESSURE	13 /36
2202235	CROSSBAR	14 /14
2202235	CROSSBAR	16 /14
2202235	CROSSBAR	15 /14
2202241	BRKT-SIDE PLATE LH	14 /17
2202241	BRKT-SIDE PLATE LH	16 /17
2202241	BRKT-SIDE PLATE LH	15 /17
2202242	BRKT-SIDE PLATE RH	14 /13
2202242	BRKT-SIDE PLATE RH	16 /13
2202242	BRKT-SIDE PLATE RH	15 /13
2202247.2	STOP-BRAKE BAND	8 /25
2202253.2	BRKT-BULKHEAD, FRONT	6 /59
2202267.2	STOP-DECK PIVOT	6 /65
2202267.2	STOP-DECK PIVOT	7 /54
2202269.2	BRKT-BUMPER MOUNTING	2 /26
2202270.2	LIFTSTOP-RH	6 /45
2202271.2	LIFTSTOP-LH	6 /44
2202285.2	BRKT-REAR ARM	7 /17
2202307	BRKT-BUMPER MNTG	14 /38
2202307	BRKT-BUMPER MNTG	16 /38
2202307	BRKT-BUMPER MNTG	15 /38
2202308.2	BRKT-SWITCH MNTG	13 /40
2202315.2	CHUTE	16 /65
2202321.2	BRKT-HOSE FRONT LT	6 /61
2202322.2	BACKING PLATE	6 /63
2202326.2	PANEL-FRONT	4 /13
2202366.2	CHUTE-SHORT	16 /66
2203012	SPINDLE 22 IN	14 /21
2203012	SPINDLE 22 IN	16 /21
2203012	SPINDLE 22 IN	15 /21
2203022	SLEEVE-ROLLER	14 /24
2203022	SLEEVE-ROLLER	16 /24

PART NO.	DESCRIPTION	FIG/ITEM
2203022	SLEEVE-ROLLER	15 /24
2203042	ROD-FWD/REV	3 /35
2203042	ROD-FWD/REV	5 /42
2203046	BUSHING-BRAKE	5 /78
2203046	BUSHING-BRAKE	8 /16
2203047.2	RETAINER-REEL	6 /43
2203047.2	RETAINER-REEL	7 /42
2203048-02	PIN-REEL CYLINDER	6 /2
2203048-03	PIN-REEL CYLINDER 108.37 LG	6 /22
2203048-03	PIN-REEL CYLINDER 108.37 LG	7 /35
2203049	BUSHING-STEERING CYL	1 /21
2203053	TUBE-OIL RESERVOIR	18 /92
2203067	PIN-BRAKE	5 /16
2203069	PIN-BRAKE PEDAL	5 /25
2203070.2	ROD-BRAKE RELEASE	5 /7
2203082.2	TIE ROD	1 /34
2203083	SLEEVE-CYLINDER	6 /41
2203083	SLEEVE-CYLINDER	7 /37
2203086	SHAFT-WHEEL	14 /51
2203086	SHAFT-WHEEL	16 /51
2203086	SHAFT-WHEEL	15 /51
2203087	SPACER-DECK	14 /26
2203087	SPACER-DECK	16 /26
2203087	SPACER-DECK	15 /26
2203095.2	SPACER-VALVE/RAIL	13 /38
2203097	SPACER-YOKE	14 /7
2203097	SPACER-YOKE	16 /7
2203097	SPACER-YOKE	15 /7
2203098	SPACER-CYLINDER	6 /52
2203098	SPACER-CYLINDER	7 /60
2203099	SPACER-FAN	2 /33
2206010	ASSY-PIVOT SHAFT	6 /17
2206010	ASSY-PIVOT SHAFT	7 /26
2206024.2	WLDMT-FRAME RAIL LH	1 /55
2206025.2	WLDMT-FRAME RAIL RH	1 /53
2206026.2	WLDMT-LIFT HANDLE	13 /28
2206030.2	WLDMT-REAR AXLE PIVOT	1 /3
2206031.2	WLDMT-BRAKE ARM	8 /3
2206032	WLDMT-CYLINDER PIN	6 /7
2206032	WLDMT-CYLINDER PIN	7 /32
2206033.2	WLDMT-BRAKE ARM	8 /6
2206051.2	WLDMT-PIVOT PIN REAR	6 /14
2206051.2	WLDMT-PIVOT PIN REAR	7 /11
2206060	S TOWER W/LABS	5 /8
2206063	S STEP W/MAT LH	9 /9
2206064	S STEP W/MAT RH	9 /32
2206071	S BRAKE PEDAL W/MAT	5 /80
2206076	S FRAME FRONT W/LABS	1 /50
2206076	S FRAME FRONT W/LABS	6 /11
2206076	S FRAME FRONT W/LABS	9 /17

PART NO.	DESCRIPTION	FIG/ITEM
2206101	S REAR AXLE ASSY	1 /4
2206118	S-LOWER STEP W/MAT LH	9 /12
2206119	S-LOWER STEP W/MAT RH	9 /13
2206142	WLDMT-REAR FRAME	1 /17
2206142	WLDMT-REAR FRAME	7 /3
2206145	WLDMT-SIDE PLATE LH	14 /55
2206145	WLDMT-SIDE PLATE LH	16 /55
2206146	WLDMT-SIDE PLATE RH	14 /54
2206146	WLDMT-SIDE PLATE RH	16 /54
2206161	WLDMT-SIDE PLATE, FRT LH	14 /12
2206162	WLDMT-SIDE PLATE, FRT RH	14 /20
2206164	WLDMT-YOKE, AR DECK	14 /10
2206164	WLDMT-YOKE, AR DECK	16 /10
2206164	WLDMT-YOKE, AR DECK	15 /10
2206165	ASM-SMOOTH ROLLER, 4 IN	14 /27
2206165	ASM-SMOOTH ROLLER, 4 IN	16 /27
2206165	ASM-SMOOTH ROLLER, 4 IN	15 /27
2206168.2	WLDMT-CHAIN ARM LH	7 /39
2206169.2	WLDMT-CHAIN ARM RH	7 /40
2206170.2	WLDMT-ROLLER ARM	7 /47
2206173	S-LIFT ARM, LEFT REAR	7 /9
2206174	S-LIFT ARM, RIGHT REAR	7 /8
2206175	S-LIFT ARM, LEFT FRONT	6 /9
2206176	S-LIFT ARM, CENTER FRONT	6 /31
2206177	S-LIFT ARM, RIGHT FRONT	6 /38
2206178	S-DECK PIVOT	6 /16
2206178	S-DECK PIVOT	7 /43
2206178	S-DECK PIVOT	14 /35
2206178	S-DECK PIVOT	16 /35
2206178	S-DECK PIVOT	15 /35
2206181	S-AR 250 HOOD ASSY W/LA	10 /4
2206182	S-AR 250 SEAT PLATE W/LA	11 /26
2206184	S-DOCUMENT TUBE W/DECAL	11 /12
2206195	S-SMOOTH ROLLER 22 IN, AR	14 /63
2206195	S-SMOOTH ROLLER 22 IN, AR	16 /63
2206195	S-SMOOTH ROLLER 22 IN, AR	15 /63
2206196	WLDMT-REAR PANEL	10 /15
2206198.2	WLDMT-SIDE PLTE, RH REAR	15 /54
2206199.2	WLDMT-SIDE PLTE, RH FRONT	16 /12
2206199.2	WLDMT-SIDE PLTE, RH FRONT	15 /12
2206200.2	WLDMT-SIDE PLTE, LH FRONT	16 /20
2206200.2	WLDMT-SIDE PLTE, LH FRONT	15 /20
2206202	S-YOKE PIVOT	14 /36
2206202	S-YOKE PIVOT	15 /36
2720202	S-YOKE PIVOT	16 /36
2206206	S-ROTARY DECK	14 /25
2206206	S-ROTARY DECK	15 /25
2206217	S-AR250 SD DECK	16 /25
2206218.2	WLDMT-SIDE PLATE, LH REAR	15

PART NO.	DESCRIPTION	FIG/ITEM
/55 2208006	BRG-19MM ID X 45.237 OD	14 /28
2208006	BRG-19MM ID X 45.237 OD	16 /28
2208006	BRG-19MM ID X 45.237 OD	15 /28
2208011-02	SEAL-OIL 1.375 X .750	14 /29
2208011-02	SEAL-OIL 1.375 X .750	16 /29
2208011-02	SEAL-OIL 1.375 X .750	15 /29
2208011-03	SEAL-OIL 2.000 X 1.250	14 /30
2208011-03	SEAL-OIL 2.000 X 1.250	16 /30
2208011-03	SEAL-OIL 2.000 X 1.250	15 /30
2208018-01	CABLE-SCRAPER 656 LG	14 /15
2208018-01	CABLE-SCRAPER 656 LG	16 /15
2208018-01	CABLE-SCRAPER 656 LG	15 /15
2208026	COOLER-OIL	10 /17
2208026	COOLER-OIL	18 /78
2208027	TANK-FUEL	9 /6
2208028.2	MANIFOLD-RETURN	13 /23
2208028.2	MANIFOLD-RETURN	18 /20
2208031	RESERVOIR-HYDRAULIC	9 /23
2208031	RESERVOIR-HYDRAULIC	18 /79
2208031-01	FTG-3/16 BARBED STRAIGHT	9 /44
2208034	COVER-HYDR RESERVOIR	9 /30
2208035	HINGE-RESERVOIR COVER	9 /26
2208037	MANIFOLD-INLET	17 /10
2208038	FILTER HEAD-SPIN ON	13 /3
2208038	FILTER HEAD-SPIN ON	18 /94
2208046	VALVE BLOCK-BACK PRESS	13 /7
2208046	VALVE BLOCK-BACK PRESS	18 /66
2208048-01	BELL HOUSING	2 /15
2208048-02	DISC	2 /25
2208051	MANIFOLD-LIFT	13 /34
2208051	MANIFOLD-LIFT	18 /70
2208052	MAT-PLATFORM	5 /77
2208054	MAT-STEP	9 /10
2208055	HRNS-WIRE FRWY 250, MAIN	17 /21
2208058.2	HINGE-SEAT PLATE	11 /15
2208063	COUPLING-15 TOOTH	2 /14
2208064	FUSEBLOCK AND HARNESS	17 /23
2208065-02	S TIRE DICO# PENDING	8 /23
2208066-01	SWITCH-CUTTER	12 /5
2208066-01	SWITCH-CUTTER	17 /13
2208067	BUMPER-RUBBER	6 /46
2208068	TUBE-LIFT VALVE	18 /64
2208073	SENDER-FUEL LEVEL	9 /3
2208075	LATCH-ADJUSTABLE LEVER	11 /11
2208076	HINGE-TOWER COVER	5 /52
2208077	CATCH-MAGNETIC W/ADHSVE	5 /
48 2208080	PAD-RUBBER	10 /50
2208082	V1305B-15P RADIATOR KIT	10 /30
2208083	SWITCH, TEMP-MODEL TT	9 /38
2208083	SWITCH, TEMPMODEL TT	18 /84
2208084	GUARD-4WD HOSES	7 /31

PART NO.	DESCRIPTION	FIG/ITEM
2208085	SPRING-SS COMPRESSION	13 /33
2208086	HOSE-AIR CLEANER	4 /9
2208090	CABLE-JUMPER	17 /29
2208099	SWITCH-90043 CH-14	5 /79
2208099	SWITCH-90043 CH-14	17 /31
2208115	WIRE-MILLSCO SEAT JUMPER	11
/4 2208116	WIRE-GRAMMER SEAT JMPR	11 /28
2208121	MAT-LOWER STEP LH	9 /14
2208122	MAT-LOWER STEP RH	9 /46
2208132	EXHAUST PIPE	2 /41
2208130.2	TUBE-OIL COOLER LH	18 /96
2208132	EXHAUST PIPE	4 /33
2208139	CLAMP-TUBE	6 /62
2208139	CLAMP-TUBE	7 /55
2208142	STEER GEAR	5 /50
2208142	STEER GEAR	18 /52
2208142-01	S-SEAL KIT 2208142	5 /50
2208142-02	S-BEARING 2208142	5 /50
2208142-03	S-CAP 2208142	5 /50
2208142-04	S-RELIEF VALVE 2208142	5 /50
2208144	VALVE-LIFT	13 /25
2208144	VALVE-LIFT	18 /60
2208151	CYLINDER-REEL, LONG	6 /4
2208151	CYLINDER-REEL, LONG	18 /68
2208152	CYLINDER-REEL, SHORT	6 /30
2208152	CYLINDER-REEL, SHORT	7 /36
2208152	CYLINDER-REEL, SHORT	18 /69
2208199	MUFFLER WRAP	2 /42
2208229	MOTOR-HYDRAULIC DECK	14 /41
2208229	MOTOR-HYDRAULIC DECK	18 /11
2208229	MOTOR-HYDRAULIC DECK	16 /41
2208229	MOTOR-HYDRAULIC DECK	15 /41
2208231	CLAMP-TUBE	6 /37
2208157-01	S-SEAL KIT	14 /41
2208157-01	S-SEAL KIT	16 /41
2208157-01	S-SEAL KIT	15 /41
2208157-02	S-RELIEF VALVE	14 /41
2208157-02	S-RELIEF VALVE	16 /41
2208157-02	S-RELIEF VALVE	15 /41
2208159	ASM-WHL 8X300-4 4/TR87PA90	14
/6 2208159	ASM-WHL 8X300-4 4/TR87PA90	16
/6 2208159	ASM-WHL 8X300-4 4/TR87PA90	15
/6 2208159-01	TIRE-	
8X300-4 4/TR87P A90		14 /6
2208159-01	TIRE-8X300-4 4/TR87P A90	16 /6
2208159-01	TIRE-8X300-4 4/TR87P A90	15 /6
2208159-02	ASM-RIM	14 /6
2208159-02	ASM-RIM	16 /6
2208159-02	ASM-RIM	15 /6
2208162.2	MANIFOLD-INLET AR 250	18 /93
2208166	NEUTRAL RETURN SPRING	3 /32

PART NO.	DESCRIPTION	FIG/ITEM
2208182	PUMP-2 SECTION	2 /18
2208182	PUMP-2 SECTION	18 /24
2208182-01	S-SEAL KIT	2 /33
2208189.2	TUBE-OIL COOLER/VALVE	18 /22
2208190	WIRE-JUMPER DECK VALVE	17 /32
2208191	VALVE-4WD AR 250	13 /31
2208191	VALVE-4WD AR 250	17 /7
2208191	VALVE-4WD AR 250	19 /1
2208191	VALVE-4WD AR 250	18 /25
2208191-01	OBSOLETE	13 /49
2208192	PUMP-M35	2 /16
2208192	PUMP-M35	3 /26
2208192	PUMP-M35	18 /23
2208195	BUMPER-DECK STOP	2 /27
2208199	MUFFLER WRAP	4 /34
2208203	HARNESS-AR 250	17 /30
2208213	FAN-370MM	2 /34
2208288	HARNESS-WIRING, INSTR PNL	12 /20
2208292	COVER-HOSE, SPIRACOVER	4 /11
2212163.2	PANEL-INSTRUMENT	12 /1
2216052	S-TOWER COVER W/LABS	5 /49
2218008	LENS-HYDRAULIC OIL	12 /15
22372	B&S CABLE CLAMP	3 /8
23009A	SPACER,ENGINE MOUNT	7 /23
2690017-01	FTG-ORB PLUG 14	18 /81
2692214-13	HOSE-3/8 ORS/ORS X 41.75	18 /51
2692217-01	HOSE-3/8 ORS/45 ORS X 15.00	18 /74
2692217-17	HOSE-3/8 ORS/45 ORS X 11.50	18 /73
2692222-02	HOSE-1/2 ORS/ORS X 7.25	18 /91
2692224-02	HOSE-5/8 ORS/ORS X 29.25	18 /47
2692226-01	OBSOLETE USE 2692262-01	18 /63
2692232-02	HOSE-1.25 X 21 WIRE RNFRCD	18 /101
2692233-01	S-HOSE-1.50 X 2.12 8.00	18 /100
2692252-01	HOSE-3/8 ORS/ORS X 19.75	18 /71
2692253-01	HOSE-3/8 ORS/90 ORS X 25.25	18 /75
2692253-10	HOSE-3/8 ORS/90 ORS X 67.50	18 /53
2692253-11	HOSE-3/8 ORS/90 ORS X 58.50	18 /54
2692253-13	HOSE-3/8 ORS/90 ORS X 15.25	18 /37
2692253-15	HOSE-3/8 ORS/90 ORS X 100.5	18 /14
2692253-16	HOSE-3/8 ORS/90 ORS X 107.0	18 /15
2692253-18	HOSE-3/8 ORS/90 ORS X 93.00	18 /17
2692253-20	HOSE-3/8 ORS/90 ORS X 85.50	18 /18
2692253-21	HOSE-3/8 ORS/90 ORS X 67.50	18 /16
2692254-01	HSE-3/8 90 ORS/45ORSX12.38	18 /90

PART NO.	DESCRIPTION	FIG/ITEM
2692255-05	HOSE-3/8 ORS/45 ORS X 19.50	18 /56
2692256-01	HSE-1/2 90 ORS/90 ORS X 24.0	18 /67
2692256-04	HSE-1/2 90 ORS/90 ORS X 31.0	18 /33
2692260-05	HOSE-5/8 ORS/ORS X 19.25	18 /48
2692260-06	HOSE-5/8 ORS/ORS X 30.50	18 /36
2692260-07	HOSE-5/8 ORS/ORS X 42.50	18 /30
2692265-07	HOSE-5/8 ORS/45 ORS X 35.75	18 /31
2692265-08	HOSE-5/8 ORS/45 ORS X 59.50	18 /9
2692267-03	HSE-5/8 90ORS/90ORS X 120.0	18 /2
2692267-04	HSE-5/8 90ORS/90ORS X 170.5	18 /3
2692267-05	HSE-5/8 90ORS/90ORS X 82.00	18 /4
2692268-02	HOSE-5/8 ORS/90 ORS X 51.25	18 /28
2692268-03	HOSE-5/8 ORS/90 ORS X 45.25	18 /29
2692268-04	HOSE-5/8 ORS/90 ORS X 54.25	18 /8
2692268-07	HOSE-5/8 ORS/90 ORS X 48.00	18 /5
2692268-08	HOSE-5/8 ORS/90 ORS X 18.50	18 /21
2692268-09	HOSE-5/8 ORS/90 ORS X 43.50	18 /7
2692268-10	HOSE-5/8 ORS/90 ORS X 95.0	18 /10
2692268-11	HOSE-5/8 ORS/90 ORS X 14.0	18 /32
2692273-01	HOSE-3/4 ORS/45 ORS X 14.50	18 /34
2692277-01	HSE-3/8 ORS/90 ORS X 115.75	18 /55
2692277-02	HOSE-3/8 ORS/90 ORS X 77.25	18 /77
2692278-02	HOSE-3/8 ORS/45 ORS X 72.25	18 /76
2692295-01	HOSE-5/8 ORS/45 ORS X 32.00	18 /112
2692295-01	HOSE-5/8 ORS/45 ORS X 32.00	18 /49
2692296-01	HOSE-5/8 ORS/90 ORS X 31.00	18 /111
2692296-01	HOSE-5/8 ORS/90 ORS X 31.00	18 /50
2720122	LABEL-DIAMOND R	24 /33
2720643	LABEL-TEXTRON	24 /34
2720648.2	BRACE-MUFFLER	2 /38
2720695	ENGINE-KUBOTA 1505E	3 /5
2720739	HOSE	10 /52
2720769.2	STOP-DECK PIVOT	6 /64
2720769.2	STOP-DECK PIVOT	7 /61
2720824-05	MOTOR-WHL ME210219AAJC	1 /54
2720824-05	MOTOR-WHL ME290219AAJC	18 /26
2720824-06	MOTOR-WHL ME290219AAJC	8 /11
2720824-06	MOTOR-WHL ME210219AAJC	18 /27
2720826	HUB	8 /20

PART NO.	DESCRIPTION	FIG/ITEM
2720828.2	WLDMT-HUB,WHEEL	1 /44
306825	NUT, 7/16-20 CASTLE	1 /23
35027N	ZERK FITTING	1 /57
35027N	ZERK FITTING	6 /55
35027N	ZERK FITTING	7 /46
38061A	SPINDLE SHIELD	11 /13
38124-01	KNOB	5 /4
38382	SWITCH-N.O.	13 /42
38382	SWITCH-N.O.	17 /9
38383	SWITCH-N.C.	5 /34
38383	SWITCH-N.C.	13 /43
38383	SWITCH-N.C.	17 /22
38404-02	GRIP,CONTROL LEVER	3 /25
38471-09	S-FOAM X 120	10 /49
38524	KNOB-4 PRONG 3/8-16	10 /16
38542	CLAMP-DOCUMENT TUBE	11 /10
38665	SOLENOID	4 /27
38665	SOLENOID	17 /5
41028	BLOCK-BEARING	5 /44
43034A	BSH., FRNT-NEU CNTL-PL	3 /31
43035A	BSHG,REAR-NEU CNTL PLT	3 /36
43039A	SPACER, BELT GUIDE PLT	3 /28
43067A	COLLAR, SET, PLATE	3 /44
43067A	COLLAR, SET, PLATE	5 /43
450043	BOLT, M10 X 120, HEX HD	13 /14
48013-06A	MAT,NON SKID 2.75X2.75	5 /83
48030N	HOUR METER ASSEMBLY	5 /11
48030N	HOUR METER ASSEMBLY	17 /14
48037A	BOOT, BATTERY TERMINAL	17 /3
48048A	SLEEVE BEARING	6 /54
48048A	SLEEVE BEARING	7 /44
48048A	SLEEVE BEARING	14 /56
48048A	SLEEVE BEARING	16 /56
48048A	SLEEVE BEARING	15 /56
48053-07	BEARING-FLANGED BRONZE	14 /11
48053-07	BEARING-FLANGED BRONZE	16 /11
48053-07	BEARING-FLANGED BRONZE	15 /11
48109N	BALL JOINT NO.SPF-6S	5 /39
48228-2A	CABLE CLIP 3/4 W/INSTN	5 /74
48228-2A	CABLE CLIP 3/4 W/INSTN	11 /17
48228-2A	CABLE CLIP 3/4 W/INSTN	13 /41
48228A	CABLE CLIP-INSULATED	5 /57
48310	S BUSHING,FUEL TANK	9 /43
48319-02	CLAMP-MUFFLER 1-1/2	4 /36
48380	MOUNT-ISOLATION	2 /5
48383	CLAMP-HOSE SAE32	4 /1
48383	CLAMP-HOSE SAE32	18 /87
48396	HOSE-CLAMP SAE24	18 /89
48428	COLLAR-SET,3/8 ID	5 /36
48429	SPRING-EXTENSION	5 /35
48429	SPRING-EXTENSION	8 /2

PART NO.	DESCRIPTION	FIG/ITEM
48436	MAT-NON SKID	5 /82
48524	CIRCUIT BREAKER 40A	4 /28
48524	CIRCUIT BREAKER 40A	17 /20
523126	BUMPER-RUBBER	14 /60
523126	BUMPER-RUBBER	16 /60
523126	BUMPER-RUBBER	15 /60
62464-1A	WASHER,THRUST 5/8X1.12	14 /62
62464-1A	WASHER,THRUST 5/8X1.12	16 /62
62464-1A	WASHER,THRUST 5/8X1.12	15 /62
62464-4A	WASHER,THRUST 1.25X1.9	1 /11
62464-4A	WASHER,THRUST 1.25X1.9	6 /35
62464-4A	WASHER,THRUST 1.25X1.9	7 /19
64001-2	NUT-HEX JAM,3/8-24	3 /30
64001-2	NUT-HEX JAM,3/8-24	5 /72
64001-6	NUT-HEX JAM,3/8-16	13 /32
64001-8	NUT-HEX JAM,1/2-13	5 /3
64002-02	LOCKWSHR-TOOTH,EXT,#10	9 /2
64006-01	LOCKWSHR-HELICAL 1/4	10 /27
64006-01	LOCKWSHR-HELICAL 1/4	2 /35
64006-02	LOCKWSHR-HELICAL 5/16	3 /15
64006-02	LOCKWSHR-HELICAL 5/16	11 /29
64006-03	LOCKWSHR-HELICAL 3/8	2 /21
64006-03	LOCKWSHR-HELICAL 3/8	8 /18
64006-05	LOCKWSHR-HELICAL 1/2	1 /47
64006-05	LOCKWSHR-HELICAL 1/2	2 /2
64006-05	LOCKWSHR-HELICAL 1/2	6 /19
64006-05	LOCKWSHR-HELICAL 1/2	7 /28
64018-3	BLT-CRG 3/8-16X1	16 /67
64025-01	NUT-HEX 1/4-20	2 /40
64025-15	NUT-HEX #10-24 KEPS	3 /12
64025-15	NUT-HEX #10-24 KEPS	4 /30
64025-15	NUT-HEX #10-24 KEPS	13 /45
64025-16	NUT-HEX 5/8-18	1 /35
64025-27	NUT-HEX 5/8-18 L.H.THD	1 /33
64025-29	NUT-HEX #8-32 KEPS	4 /21
64025-29	NUT-HEX #8-32 KEPS	10 /40
64025-30	NUT-HEX 1/2-20 SLOT	1 /60
64025-35	NUT-1-1/8-18 UNSLOTTED TRW	1 /
45 64025-36	NUT 1-1/8-18 SLOTTED TRW	8 /22
64044-1	SCREW-SET 1/4-20X1/4	3 /45
64044-1	SCREW-SET 1/4-20X1/4	5 /38
64044-17	SCREW-SET 10-32X3/4	13 /37
64061-09	ROLL PIN-3/8X2	7 /50
64061-18	ROLL PIN-5/16X1	5 /68
64061-21	ROLL PIN-3/16X7/8	5 /61
64123-102	BLT-HEX 3/8-24X7	3 /27
64123-114	BLT-HEX 1/4-20X1	10 /3
64123-119	BLT-HEX 1/2-13X3/4	2 /7
64123-15	BLT-HEX 3/8-16X3/4	8 /17
64123-39	BLT-HEX 1/2-13X1-1/4	2 /37
64123-166	BLT-HEX 1/2-13X5-1/2	14 /8

PART NO.	DESCRIPTION	FIG/ITEM
64123-166	BLT-HEX 1/2-13X5-1/2	16 /8
64123-166	BLT-HEX 1/2-13X5-1/2	15 /8
64123-206	BLT-HEX 5/8-11X4-1/2	14 /31
64123-206	BLT-HEX 5/8-11X4-1/2	16 /31
64123-206	BLT-HEX 5/8-11X4-1/2	15 /31
64123-211	BLT-HEX 5/8-18 X 1-3/4	14 /1
64123-211	BLT-HEX 5/8-18 X 1-3/4	16 /1
64123-211	BLT-HEX 5/8-18 X 1-3/4	15 /1
64123-24	BLT-HEX 1/2-13X2	1 /20
64123-50	BLT-HEX 3/8-16X1	2 /20
64123-50	BLT-HEX 3/8-16X1	3 /41
64123-59	BLT-HEX 5/16-24X1/2	3 /1
64123-61	BLT-HEX 5/16-18X1-3/4	3 /20
64123-73	BLT-HEX 1/2-13X1	2 /1
64139-02	BLT-WLF 1/4-20X1/2	5 /47
64139-02	BLT-WLF 1/4-20X1/2	11 /7
64139-08	BLT-WLF 5/16-18X3/4	13 /1
64139-16	BLT-WLF 5/16-18X5/8	3 /33
64139-16	BLT-WLF 5/16-18X5/8	11 /3
64139-20	BLT-WLF M6-1.00X16	4 /12
64139-20	BLT-WLF M6-1.00X16	5 /56
64139-20	BLT-WLF M6-1.00X16	6 /6
64139-20	BLT-WLF M6-1.00X16	7 /33
64139-20	BLT-WLF M6-1.00X16	9 /31
64139-20	BLT-WLF M6-1.00X16	10 /24
64139-20	BLT-WLF M6-1.00X16	11 /9
64140-1	COTTER PIN-1/8X1	1 /22
64140-3	COTTER PIN-3/32X3/4	1 /58
64140-5	COTTER PIN-1/8X1-1/2	8 /21
64141-1	NUT-WLF 5/16-24	5 /69
64141-2	NUT-WLF 1/4-20	10 /2
64141-6	NUT-WLF 5/16-18	3 /21
64141-6	NUT-WLF 5/16-18	11 /25
64144-01	SNAP RING 5/8	7 /49
64144-13	RETAINING RING	6 /1
64144-13	RETAINING RING	7 /34
64144-30	SNAP RING .375	8 /5
64144-30	SNAP RING .375	13 /26
64151-1	5/16-18 HEX LOCK NUT	3 /14
64151-15	5/16-18 CL HEX NUT	3 /42
64151-18	3/8-16 CL HEX NUT	3 /38
64151-29	NUT-HEX 1 1/4-12 NYLOK	1 /6
64151-29	NUT-HEX 1 1/4-12 NYLOK	6 /15
64151-29	NUT-HEX 1 1/4-12 NYLOK	7 /18
64151-3	3/8-24 HH LOCK NUT	3 /40
64151-3	3/8-24 HH LOCK NUT	5 /84
64151-7	1/2-13 HEX LOCK NUT	1 /27
64152-05	10-32X1/2 R MACH SCREW	9 /1
64152-06	10-24X1/2 MACH SCREW	4 /29
64152-06	10-24X1/2 MACH SCREW	13 /44
64152-20	8-32X1/2 MACH SCREW	4 /23

PART NO.	DESCRIPTION	FIG/ITEM
64152-20	8-32X1/2 MACH SCREW	10 /37
64152-49	SCR-SLT HH 10-24X3/4	3 /9
64152-50	SCREW-M5-.08X16 TORX HEAD	5 /
53 64152-50	SCREW-M5-.08X16 TORX HEAD	9 /
34 64163-02	WASH.21/64X19/32X11GA.	8 /7
64163-03	WSHR-.256ID X .62OD X 18 GA.	2 /
32 64163-03	WSHR-.256ID X .62OD X 18 GA.	6 /
60 64163-03	WSHR-.256ID X .62OD X 18 GA.	7 /
52 64163-03	WSHR-.256ID X .62OD X 18 GA.	14
/34 64163-03	WSHR-.256ID X .62OD X 18 GA.	16
/34 64163-03	WSHR-.256ID X .62OD X 18 GA.	15
/34 64163-04	25/64X5/8X16GA WASHER	8 /8
64163-12	.635/.640X1.0X.25 WASH	16 /4
64163-16	41/64X1-3/8X12GA WASHR	7 /21
64163-17	25/64 X 2 X 11GA WASHR	1 /15
64163-18	33/64 X 2 X 14GA WASHR	3 /18
64163-19	33/64X1-1/4X12GA WASHR	2 /3
64163-19	33/64X1-1/4X12GA WASHR	3 /46
64163-19	33/64X1-1/4X12GA WASHR	6 /18
64163-19	33/64X1-1/4X12GA WASHR	7 /27
64163-19	33/64X1-1/4X12GA WASHR	14 /47
64163-19	33/64X1-1/4X12GA WASHR	16 /47
64163-19	33/64X1-1/4X12GA WASHR	15 /47
64163-25	1-1/32X2X11GA WASHER	3 /19
64163-25	1-1/32X2X11GA WASHER	6 /53
64163-31	WASH.25/64X1X12 GA	3 /6
64163-31	WASH.25/64X1X12 GA	11 /22
64163-53	WASHER .391X1.50X9GA	14 /48
64163-53	WASHER .391X1.50X9GA	16 /48
64163-53	WASHER .391X1.50X9GA	15 /48
64163-54	.516X.75X12GA THK WSHR	1 /28
64163-54	.516X.75X12GA THK WSHR	5 /59
64163-55	WSHR .328X.75X14 GA	3 /2
64163-55	WSHR .328X.75X14 GA	6 /28
64163-55	WSHR .328X.75X14 GA	7 /51
64163-71	WSHR-.762X1-1/4X.250	14 /52
64163-71	WSHR-.762X1-1/4X.250	16 /52
64163-71	WSHR-.762X1-1/4X.250	15 /52
64163-74	WSHR-.516IDX2.0ODX.250THK	6 /
21 64163-74	WSHR-.516IDX2.0ODX.250THK	7 /
29 64163-75	WSHR-1.255 X 2.25 X .110/.130	6 /51
64163-75	WSHR-1.255 X 2.25 X .110/.130	7 /58
64163-76	WSHR-1-3/4 X 11/16 X 9/64	14 /57
64163-76	WSHR-1-3/4 X 11/16 X 9/64	16 /57
64163-76	WSHR-1-3/4 X 11/16 X 9/64	15 /57
64164-08	S-KEY FOR WHEEL MOTOR	1 /66
64164-08	S-KEY FOR WHEEL MOTOR	8 /13
64166-03	SH BLT .281X5/16-18	11 /21
64166-17	BLT-SHLDR 3/8-16X1.12	5 /62
64166-7	SHOULDER BOLT	8 /15
64168-1	COTTER-HAIRPIN .120X2-3/8	6 /49

PART NO.	DESCRIPTION	FIG/ITEM
64168-1	COTTER-HAIRPIN .120X2-3/8	14 /46
64168-1	COTTER-HAIRPIN .120X2-3/8	16 /46
64168-1	COTTER-HAIRPIN .120X2-3/8	15 /46
64168-2	COTTER-HAIRPIN .08X1.19	5 /27
64168-2	COTTER-HAIRPIN .08X1.19	10 /8
64168-2	COTTER-HAIRPIN .08X1.19	14 /59
64168-2	COTTER-HAIRPIN .08X1.19	16 /59
64168-2	COTTER-HAIRPIN .08X1.19	15 /59
64175-04	PUSHNUT 3/8 DIA	5 /15
64176-03	PIN, SPIRAL ROLL	14 /53
64176-03	PIN, SPIRAL ROLL	16 /53
64176-03	PIN, SPIRAL ROLL	15 /53
64187-03	WHEEL NUT 1/2-20	1 /30
64188-02	PIN, CLEVIS 5/16X1	6 /48
64188-04	PIN, CLEVIS 1/2X2-5/8	14 /45
64188-04	PIN, CLEVIS 1/2X2-5/8	16 /45
64188-04	PIN, CLEVIS 1/2X2-5/8	15 /45
64188-14	S PIN, CLEVIS 3/8 X 1.56	14 /58
64188-14	S PIN, CLEVIS 3/8 X 1.56	16 /58
64188-14	S PIN, CLEVIS 3/8 X 1.56	15 /58
64189-8A	BLT-HEX SOC 1/2-13X1.25	2 /17
64197-001	BLT-TDFM 5/16-18X3/4	1 /5
64197-005	BLT-TDFM 3/8-16X1-1/4	14 /42
64197-005	BLT-TDFM 3/8-16X1-1/4	16 /42
64197-005	BLT-TDFM 3/8-16X1-1/4	15 /42
64205-001	BLT-METRIC M8-1.25X20	3 /13
64205-001	BLT-METRIC M8-1.25X20	4 /25
64205-001	BLT-METRIC M8-1.25X20	5 /12
64205-001	BLT-METRIC M8-1.25X20	9 /8
64205-001	BLT-METRIC M8-1.25X20	10 /18
64205-001	BLT-METRIC M8-1.25X20	11 /14
64205-001	BLT METRIC M8-1.25X20	14 /43
64205-001	BLT METRIC M8-1.25X20	16 /43
64205-001	BLT METRIC M8-1.25X20	15 /43
64205-002	S BLT-METRIC M8-1.25X50	6 /42
64205-002	S BLT-METRIC M8-1.25X50	7 /41
64205-007	BLT METRIC M10-1.50X20	1 /13
64205-007	BLT METRIC M10-1.50X20	5 /1
64205-007	BLT METRIC M10-1.50X20	9 /18
64205-007	BLT METRIC M10-1.50X20	11 /19
64205-007	BLT METRIC M10-1.50X20	14 /50
64205-007	BLT METRIC M10-1.50X20	16 /50
64205-007	BLT METRIC M10-1.50X20	15 /50
64205-011	BLT-METRIC M10-1.50X40	2 /13
64205-011	BLT-METRIC M10-1.50X40	7 /30
64205-013	BLT-METRIC M6-1X12	10 /26
64205-014	BLT-METRIC M6-1X35	5 /76
64205-015	BLT-METRIC M8-1.25X35	7 /14
64205-023	BLT-METRIC M6-1.00X50	13 /8
64205-025	BLT-METRIC M6-1.00X25	2 /28
64205-028	BLT-METRIC M12-1.75X60	8 /12
64205-029	BLT-METRIC M12X1.75X40	7 /2
64205-036	BLT-METRIC M10-1.50X35	6 /57
64205-036	BLT-METRIC M10-1.50X35	14 /64
64205-036	BLT-METRIC M10-1.50X35	16 /64
64205-036	BLT-METRIC M10-1.50X35	15 /64
64205-048	BLT-METRIC M6-1.00X30	2 /36
64205-050	BLT-METRIC M6-1.00X100	13 /30
64206-04	BLT-METRIC M10-1.25X25	2 /9
64206-04	BLT-METRIC M10-1.25X25	3 /11
64206-04	BLT-METRIC M10-1.25X25	4 /32
64207-01	NUT-HEX,M8-1.25	5 /30
64207-01	NUT-HEX,M8-1.25	14 /65
64207-01	NUT-HEX,M8-1.25	15 /65
64207-01	NUT-HEX,M8-1.25	16 /68
64207-06	NUT-HEX M6-1	14 /16
64207-06	NUT-HEX M6-1	16 /16
64207-06	NUT-HEX M6-1	15 /16
64207-07	NUT-HEX M12-1.75	1 /48
64209-01	CONICAL SPRING WASHER	3 /16
64209-03	SPRING WASHER .67 ID	14 /2
64209-03	SPRING WASHER .67 ID	16 /2
64209-03	SPRING WASHER .67 ID	15 /2
64209-06	WSHR-SPRG 20.4IDX40MM OD	14
/33 64209-06	WSHR-SPRG 20.4IDX40MM OD	16
/33 64209-06	WSHR-SPRG 20.4IDX40MM OD	15
/33 64209-07	WSHR-SPRG 10.2IDX20MM OD	5 /
33 64211-02	WASHER	10 /43
64215-05	RIVET-POP IFI# 64	10 /36
64220-01	BLT-WHL 12-20X.75 60D	8 /27
64225-01	U-BOLT	2 /39
64229-01	LOCK NUT-NYLON 1/4-20	10 /6
64229-02	LOCK NUT-NYLON 5/16-18	11 /24
64229-02	LOCK NUT-NYLON 5/16-18	14 /61
64229-02	LOCK NUT-NYLON 5/16-18	16 /61
64229-02	LOCK NUT-NYLON 5/16-18	15 /61
64229-03	LOCK NUT-NYLON 3/8-16	5 /70
64229-03	LOCK NUT-NYLON 3/8-16	16 /5
64229-05	LOCK NUT-NYLON 1/2-13	14 /9
64229-05	LOCK NUT-NYLON 1/2-13	16 /9
64229-05	LOCK NUT-NYLON 1/2-13	15 /9
64229-06	LOCK NUT-NYLON 5/8-11	14 /39
64229-06	LOCK NUT-NYLON 5/8-11	16 /39
64229-06	LOCK NUT-NYLON 5/8-11	15 /39
64237-01	LOCKNUT-NYLON M5X0.8	5 /54
64237-01	LOCKNUT-NYLON M5X0.8	9 /35
64237-02	LOCKNUT-NYLON M6-1.00	2 /29
64237-02	LOCKNUT-NYLON M6-1.00	4 /18
64237-02	LOCKNUT-NYLON M6-1.00	5 /6
64237-02	LOCKNUT-NYLON M6-1.00	13 /5
64237-03	LOCKNUT-NYLON M10-1.5	2 /11
64237-03	LOCKNUT-NYLON M10-1.5	5 /32

PART NO.	DESCRIPTION	FIG/ITEM
64237-03	LOCKNUT-NYLON M10-1.5	6 /12
64237-03	LOCKNUT-NYLON M10-1.5	7 /16
64237-03	LOCKNUT-NYLON M10-1.5	8 /1
64237-03	LOCKNUT-NYLON M10-1.5	11 /20
64237-03	LOCKNUT-NYLON M10-1.5	13 /16
64237-03	LOCKNUT-NYLON M10-1.5	14 /44
64237-03	LOCKNUT-NYLON M10-1.5	16 /44
64237-03	LOCKNUT-NYLON M10-1.5	15 /44
64237-05	LOCKNUT-NYLON M8-1.25	4 /20
64237-05	LOCKNUT-NYLON M8-1.25	5 /17
64237-05	LOCKNUT-NYLON M8-1.25	6 /23
64237-05	LOCKNUT-NYLON M8-1.25	7 /24
64237-05	LOCKNUT-NYLON M8-1.25	9 /15
64237-05	LOCKNUT-NYLON M8-1.25	10 /20
64237-05	LOCKNUT-NYLON M8-1.25	11 /16
64237-05	LOCKNUT-NYLON M8-1.25	13 /11
64237-06	LOCKNUT-NYLON M12-1.75	1 /1
64237-06	LOCKNUT-NYLON M12-1.75	7 /4
64244-02	HEX JAM NUT M16-2.0	14 /23
64244-02	HEX JAM NUT M16-2.0	16 /23
64244-02	HEX JAM NUT M16-2.0	15 /23
64246-01	NUT-WHIZ M6-1.00	4 /26
64246-01	NUT-WHIZ M6-1.00	5 /55
64246-01	NUT-WHIZ M6-1.00	6 /8
64246-01	NUT-WHIZ M6-1.00	9 /21
64246-01	NUT-WHIZ M6-1.00	10 /21
64246-01	NUT-WHIZ M6-1.00	11 /18
64250-03	INSERT-GRIP M10-1.5X21.20	1 /52
64251-001	WHSR-M5	5 /20
64251-001	WHSR-M5	9 /27
64251-002	WHSR-M6	5 /13
64251-002	WHSR-M6	10 /28
64251-002	WHSR-M6	13 /6
64251-003	WHSR-M8	4 /31
64251-003	WASHER M8	5 /21
64251-003	WHSR-M8	6 /47
64251-003	WHSR-M8	9 /7
64251-003	WHSR-M8	10 /19
64251-003	WHSR-M8	11 /27
64251-003	WHSR-M8	13 /10
64251-003	WHSR-M8	13 /39
64251-004	WHSR-M10	5 /14
64251-004	WHSR-M10	6 /34
64251-004	WHSR-M10	8 /9
64251-004	WHSR-M10	9 /20
64251-004	WHSR-M10	13 /13
64251-004	WHSR-M10	14 /19
64251-004	WHSR-M10	16 /19
64251-004	WHSR-M10	15 /19
64251-005	WHSR-M12	1 /9
64251-005	WHSR-M12	7 /1

PART NO.	DESCRIPTION	FIG/ITEM
68156A	HANDLE KNOB, BLACK	13 /29
69051-01	PLUG-PIPE 3/8	9 /39
69051-01	PLUG-PIPE 3/8	18 /83
69055-01	FITTING-90 ORS/ORS	18 /57
69055-03	FITTING-90 ORS/ORS	18 /35
69055-04	FITTING-90 ORS/ORS FORGED	18 /6
69056-01	FITTING-ORS RUN TEE	18 /43
69057-01	FITTING-ORS BRANCH TEE	18 /44
69059-02	S HOSE, HYD, 1.25IDX6 LG	18 /99
69060-03	FTG, BARB 1-5/16-12X1.00 ST	18 /107
69068-01	ORIFICE DISK 06, .052	18 /72
800488	LOCK WASHER M10	1 /14
800488	LOCK WASHER M10	2 /10
800488	LOCK WASHER M10	3 /10
800488	LOCK WASHER M10	6 /33
800488	LOCK WASHER M10	9 /19
800488	LOCK WASHER M10	13 /17
800488	LOCK WASHER M10	14 /49
800488	LOCK WASHER M10	16 /49
800488	LOCK WASHER M10	15 /49
800490	NUT-14 mm-1.5	1 /25
838495	LABEL-RED/WHITE STRIPE 20'	24 /2
838588	LABEL-RANSOMES DIECUT	24 /29
839862	DECAL, STEERING WHEEL	5 /73
85010N	ZERK, 1/4-28 STR SELF THRD	1 /7
85010N	ZERK, 1/4-28 STR SELF THRD	6 /5
85010N	ZERK, 1/4-28 STR SELF THRD	7 /10
85010N	ZERK, 1/4-28 STR SELF THRD	14 /40
85010N	ZERK, 1/4-28 STR SELF THRD	16 /40
85010N	ZERK, 1/4-28 STR SELF THRD	15 /40
88042-02	CLAMP-HOSE 5/16	4 /38
88042-02	CLAMP-HOSE 5/16	5 /40
88042-02	CLAMP-HOSE 5/16	9 /47
887692	END,TIE ROD	1 /24
887888	SCREEN	10 /12
970080	OPT-MILSCO SSPNSN SEAT	11 /37
970081	OPT-GRAMMER SSPNN SEAT	11 /38
A1003083	BOLT-M8-1.25X40	13 /35
A1003122	BOLT-M8-1.25X60	5 /29
A1003122	BOLT-M8-1.25X60	6 /39
A1003122	BOLT-M8-1.25X60	7 /56
A1003122	BOLT-M8-1.25X60	9 /11
A1005166	BOLT-M12-1.75X80	1 /46
A1102966	BOLT-M6-1.00X16	5 /2
A110305	OBSOLETE USE A1103051	11 /30
A1103051	BOLT-M8-1.25X25	4 /10
A1103051	BOLT-M8-1.25X25	6 /25
A1103051	BOLT-M8-1.25X25	13 /9
A1104057	BOLT-M10-1.50X25	5 /10
A1104057	BOLT-M10-1.50X25	6 /36
A1104057	BOLT-M10-1.50X25	7 /12
A1104057	BOLT-M10-1.50X25	13 /18
A110406	SCREW,M10X1.5X30 HH	2 /30
A110406	SCREW,M10X1.5X30 HH	6 /13
A110406	SCREW,M10X1.5X30 HH	7 /57

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